

PROGRESS REPORT

(Teachers on the Mission-Aransas Estuary)

(14-088-000-7956)

(6/26/15)

Task 1: (Workshops)

- Provide a brief description of status of the task: ☐ not started ☐ in progress ☒ completed
- Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)

List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.

Deliverable Name	Date Due	Date submitted	Comments
1) Provide list of confirmed participation from independent school districts	February 30, 2014	12/10/13, 3/10/14, 5/10/14, 7/7/14, 8/8/14	
2) Provide copies of workshop materials	August 31, 2014	August 20, 2014	

- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). Yes ☒ No If yes, please explain:
- Briefly describe plans for the next reporting period.

Task 2: (Student Field Experiences)

- Provide a brief description of status of the task: ☐ not started ☐ in progress ☒ completed

This task involved developing, scheduling, coordinating, and delivering student field experiences for the teachers who attended the Teachers on the Estuary Workshop. Thirteen of the 17 teachers who attended the teacher workshop brought their students back for field experiences. All of the scheduled field experiences have been delivered and a total of 513 students participated in the field trips.

- Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)

Carolyn Rose developed and scheduled field experiences. We delivered 13 field experiences at UTMSI, Fennessey Ranch and/or the Bay Education Center during the contract period. The staff involved in presenting the field experiences included Carolyn Rose, Colleen McCue, Julie Findley, Neli Spurrell, Dana Sjostrum, and Sara Pelleteri.

- List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.

Deliverable Name	Date Due	Date submitted	Comments
Complete field experiences for up to 720 students	June 30, 2015	The scheduled field experiences were completed on May 28, 2015	
Include photos of field experiences with summary report	June 30, 2015	June 26, 2015	Photos from the teacher workshop and the student field experience are included in the following

			summary report.
Complete summary report evaluating project success including teacher and student evaluations	June 30, 2015	June 26, 2015	Teacher and student evaluations are summarized in the following summary report. Scans of the original 17 teacher evaluations were submitted to the TX GLO/CMP on August 20, 2014. The student evaluations have not been scanned due to the time it would require to scan 513 documents. The original student evaluations will be mailed to the TX GLO/CMP upon request.

- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). ☐ Yes ☒ No If yes, please explain:

- Briefly describe plans for the next reporting period.

This is the last reporting period for this contract.

Task 3: (Project Monitoring and Reporting)

- Provide a brief description of status of the task: ☐ not started ☐ in progress ☒ completed

Progress reports, teacher evaluations, and workshop materials have been submitted. The summary report is included at the end of this document.

- Describe major accomplishments for this reporting period (include names of staff working on each task, dates and locations of events/presentations/meetings and dates for milestones/deliverables completed.)

Carolyn Rose, the education coordinator requested a budget amendment, analyzed teacher and student evaluations, and wrote the summary report for the project.

- List the deliverable(s)/milestone(s) for the task and provide the date completed/submitted to the GLO.

Deliverable Name	Date Due	Date submitted	Comments
Grant Closeout Report	6/30/2015	6/26/15	

Reimbursement requests no.	Date Submitted	Comments
Continue as needed to document invoices submitted		

- Were there any problems or obstacles encountered during this reporting period (e.g., delays, remedial action taken, schedule revision). ☐ Yes ☒ No If yes, please explain:

- **Briefly describe plans for the next reporting period.**

N/A.

(Repeat for each task. If work on a particular task has not begun or has been completed, include in progress report and report the status only.)

Please provide a current budget breakdown. (Double Click on budget tables to activate Excel.) The University of Texas Office of Sponsored Projects submits the invoices for the “local budget” or cost shared estimates.

**Teachers on the Mission-Aransas Estuary
Contract Number: 14-088-000-7956**

Summary Report

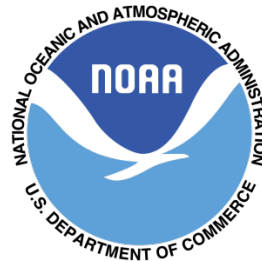
Submitted by:

Carolyn Rose
Mission-Aransas National Estuarine Research Reserve
The University of Texas at Austin
Marine Science Institute

Submitted to:

The Texas General Land Office
Coastal Management Program

June 26, 2015



ACKNOWLEDGEMENTS

The University of Texas Marine Science Institute and the Mission-Aransas National Estuarine Research Reserve thank the Texas General Land Office Coastal Management Program (TX GLO/CMP) for their support of this project. We appreciate the helpful guidance provided by TX GLO/CMP staff during the development of the project proposal and their assistance with subsequent contract amendments. Thanks to your generous support and assistance, the teachers who participated in this project will continue to educate Texas public school children about the value of coastal natural resource areas for years to come.

PROJECT SUMMARY

The goal of the *Teachers on the Mission-Aransas Estuary* project was to help teachers educate their students about the diversity, functions, and values of coastal natural resource areas, how humans impact these areas, and the benefits inherent in protecting them. This goal was achieved by providing hands-on, field-based, professional development training for 17 middle school science teachers and field experiences for 513 of their students at several sites within the Mission-Aransas National Estuarine Research Reserve (Reserve). Teachers and students participated in field experiences at the Bay Education Center in Rockport, Goose Island State Park on the Lamar Peninsula, Fennessey Ranch in Refugio County, and/or the Wetlands Education Center on the campus of the University of Texas Marine Science Institute (UTMSI) in Port Aransas. Several of these sites contain habitats that are defined as critical areas in the Coastal Coordination Act.

The project targeted middle school science teachers from public independent school districts that lie within the Coastal Zone Boundary and the watershed of the Mission-Aransas Estuary. Seventeen middle school science teachers from Aransas County, Aransas Pass, Calhoun County, Corpus Christi, Ingleside, Port Aransas, Refugio, and Taft Independent School Districts attended the July 8-10, 2014 workshop. Teachers participated in field investigations of seagrass, oyster reef, salt marsh, and riparian woodland habitats during the project workshop. Participants learned how to access real-time data using the National Estuarine Research Reserve System's (Reserve System) System Wide Monitoring Program graphing tool and apply these data in field investigations of coastal natural resource areas. Teachers participated in interactive activities from the Reserve System's Estuaries 101 Middle School Curriculum that highlight the functions and value of coastal

natural resource areas, including oyster reef and salt marsh habitat. Scientists from UTMSI and Texas A&M – Corpus Christi shared their knowledge of the functions, values, and human impact on coastal natural resource areas as activity facilitators and guest speakers.

The following photographs show teachers engaged in field investigations during the project workshop:



Teachers testing turbidity at the Bay Education Center.



Teachers collecting plankton at UTMSI.



Teachers studying oyster ecology at Goose Island State Park.



Teachers identifying salt marsh plants at the Bay Education Center.

Thirteen of the 17 participating teachers brought their students back for field experiences during the 2014-2015 academic year. A total number of 513 students participated in project field experiences at the Bay Education Center, the Wetlands Education Center, and/or Fennessey Ranch, from December 4, 2014 through May 28, 2015. The field experiences allowed teachers to interact with workshop trainers and other environmental educators to jointly teach the concepts and skills presented in the workshop and they provided students the opportunity to use real scientific equipment to collect data in various habitats and to interpret and apply the data to form conclusions about habitat quality. A short video highlighting the student field experiences may be accessed at: <https://www.youtube.com/watch?v=b9d9opcmC50>.

The following photographs show students engaged in project field experiences:



Students testing turbidity at the Wetlands Education Center.



Students testing salinity at the Bay Education Center.



Students observing plankton at the UTMSI Pier Lab.



Students preparing for a field experience at Fennessey Ranch.

PROJECT EVALUATION

Success in achieving the project goal was evaluated formally by administering a survey at the close of the workshop and informally through subsequent discussions with participating teachers. Students who participated in field experiences also completed an on-site evaluation to assess success in achieving the project goal. Scans of the teacher workshop surveys were submitted to the TX GLO/CMP after the workshop and the results are summarized below. The results of the student evaluations are also summarized below, but the evaluations have not been scanned due to the time it would require to scan the 513 documents. The original student evaluation documents will be sent to the TX GLO/CMP upon request.

The first section of the teacher workshop survey invited the teachers to rate their agreement or disagreement with several statements by indicating how strongly they agreed or disagreed with them. All of

the participating teachers strongly agreed (94%) or agreed (6%) that the project workshop improved their awareness of the value of and threats to coastal natural resource areas. All participants strongly agreed (88%) or agreed (12%) that they would use some of what they learned in the workshop in their teaching during the upcoming academic year. One teacher was not sure what subject he would be teaching during the upcoming academic year, but all of the other teachers strongly agreed (53%) or agreed (41%) that the content presented in the workshop would fit easily into their teaching curricula.

When asked which of the activities or resources presented in the workshop were the most valuable, over half of the teachers indicated that they considered all or multiple activities to be of most value and several teachers indicated that they could not choose among the activities or resources. Oyster ecology, seagrass ecology, and *Science on Sphere* were the most valued activities or resources listed by teachers who specified which they found to be the most valuable. All of the teachers responded that they intended to bring their students back during the upcoming academic year for field experiences; however, lack of time and scheduling difficulties prevented 4 of the workshop participants from doing so. Over half of the teachers responded that they did not face any barriers in teaching the workshop content. Barriers that were listed by other teachers included testing requirements, lack of transportation to field sites, lack of appropriate equipment, and lack of time. Eighty-eight percent of the teachers responded that the workshop content complimented their current teaching curriculum.

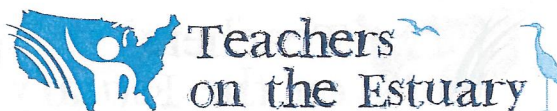
Student evaluations presented a larger challenge than the teacher workshop evaluations because we had limited contact time with the students and it was important that most of that time be used for hands-on, field investigations. We could have asked the teachers to administer the evaluations when they returned to their classrooms, but our experience has been that teachers often do not have time to administer and return student evaluations, so we thought it was important to administer the evaluations on site. Additionally, the students visited different sites and participated in different activities, so it was more difficult to design questions that would be relevant for each group's field experience. However, all of the sites are part of the Mission-Aransas Estuary so we developed three questions regarding estuaries that were relevant to all of the sites as follows: 1) What is an estuary?; 2) Why are estuaries important?; and 3) What can people do to protect estuaries?

After participating in the field experiences, eighty-eight percent of the students were able to identify an estuary as a place where fresh water from rivers and streams meets salt water from the ocean. Eighty-five percent of the students could identify at least one reason why estuaries are important. The vast majority of

the students identified the critical nature of estuaries as nursery grounds for ecologically and economically significant species as the reason that they are important. Ninety-four percent of the students were able to identify at least one way that humans can help keep estuary habitats healthy.

The results of the formal teacher and student evaluations indicate that the project goal of providing middle school science teachers with the knowledge and skills needed to teach their students about the diversity, functions, and values of coastal natural resource areas, how humans impact these areas, and how they can help protect them has been met. Perhaps even more significant, however, is the fact that several of the participating teachers informed our education staff and other regional education coordinators that the project teacher workshop was the “best” professional development training that they had ever received. We believe that this accounts in large part for the fact that our upcoming July 2015 *Teachers on the Estuary* workshop filled up quickly and we have had to place teachers on a waiting list. Additionally, several of the project participants praised the workshop to the coordinator for the Texas State Aquarium/ESC-2 Regional Science Collaborative (Coastal Bend) and the ESC-3 (Victoria) Regional Science Collaborative, with the result that the coordinator contacted us about collaborating on a *Teachers on the Estuary* workshop for the science collaborative participants in the summer of 2016.

Although the National Estuarine Research Reserve System’s *Teachers on the Estuary* program is a national initiative, the support of the TX GLO/CMP for this project allowed the Mission-Aransas Reserve to offer the first *Teachers on the Estuary* professional development on the Texas coast. The experience and connections that we have gained during this project will allow us to continue to offer teacher professional development opportunities and student field experiences that will impact student’s knowledge of coastal natural resource areas for many years to come.



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					X
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					X
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					X
The content presented in this workshop will fit easily into my teaching curriculum.					X

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

The activity on day two that centered around diversity was particularly valuable to me because it fit a large amount of TEKS and is something I can easily take my students to do. All activities fit in well with the TEKS. This one was just more encompassing.

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

I can't think of any activity that was not educational or beneficial for me, but I have been on the RV Katy several times with classes, so this was not as new to me.

MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1



THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
 College of Natural Sciences

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience?

Yes, I do plan on bringing my students back. I think that plankton collection on the pier lab coupled with the discussion on phyto. vs zooplankton was a great classification activity for them.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

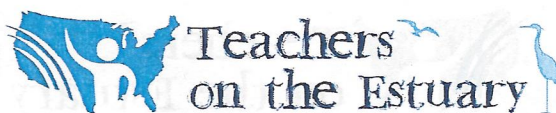
I would like to get my students involved with the oyster restoration project since it is so relevant to our community but getting parents to commit to getting students there on certain dates might be an issue.

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes. In our district we are lucky to have labs in the early grades. These activities can easily be reproduced in this type of teaching setting and/or on local (low-cost) field trips.

6. Do you have any suggestions for how we might improve future TOTE workshops?

I love hearing from the research scientists along with doing the activities. I can't say that I would change anything.



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.				✓	

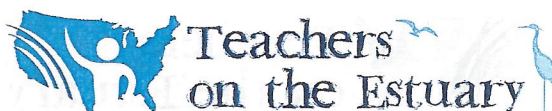
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

SOS - it encompasses many parts of the curriculum.
Estuaries on computer. DO + Salinity Testing.

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

-None-



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Yes!!! Little Bay, SOS

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

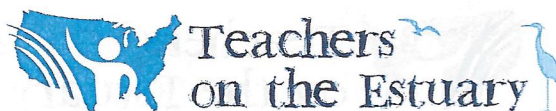
-None-

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes, many TEKS were covered. These are new IDEAS, they will make the curriculum more exciting for the students.

6. Do you have any suggestions for how we might improve future TOTE workshops?

Could we bring more KIDS!! maybe a dual teacher and a student?



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					X
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					X
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.				X	
The content presented in this workshop will fit easily into my teaching curriculum.				X	

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

The Wednesday activity was really helpful. The vegetative/non-
environments and also the plankton lab in Port A. They were
helpful to understand how the population(humans) can threaten
the coast.

- Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.

Non was least valuable.

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Yes, The Bay Education Center field work and Science on a Sphere.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

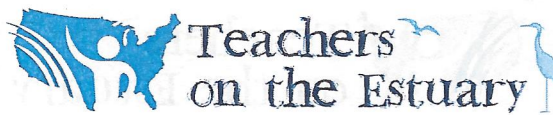
No, it fits very well with the ecosystems lesson.

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes, stated as above.

6. Do you have any suggestions for how we might improve future TOTE workshops?

No, it was wonderful!



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

Understanding the role of oysters in keeping the water clean + balanced.

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

N/A - All activities were very well planned and executed. Enjoyed all of the activities in different ways.

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Debating between coming to Rockport / Goose Island
on the ranch.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

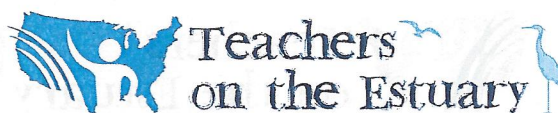
Do not have the equipment such as the portable
microscopes or various meters to
measure salinity, etc.

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes. There were many resources provided
and gave me ideas on how to make
my lessons more engaging

6. Do you have any suggestions for how we might improve future TOTE workshops?

N/A - Excellent workshop.



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.				✓	
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

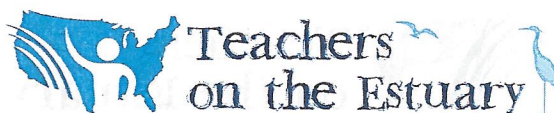
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

The materials found on NOAA's science on a sphere website will be helpful to interactively introduce TEKS. The data collection and data interpretation materials will provide valuable application for students.

- Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.

Activities like sampling the bay are not practical for the classroom, but are still fun and help to get pictures to show students.



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Yes! J.O.S. or sampling in the bay
would be great!

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

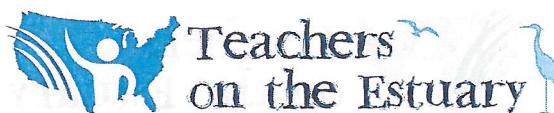
No

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes, it fits in very well with our organisms
and environment category as well and students'
data interpretation skills.

6. Do you have any suggestions for how we might improve future TOTE workshops?

No, it was great!



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

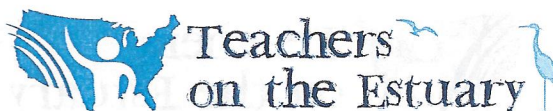
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

The information on oysters was informative and helped tie so much together for me

- Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.

None



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Definitely: I would like a trip to the Ranch + the activities we did at Bay Education Center.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

I don't think so. I am teaching a new grade level and I am not familiar with all the TEKS

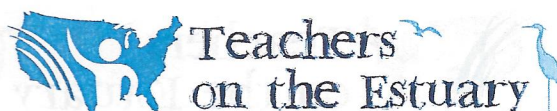
5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

I did help for me to narrow a topic when teaching ecosystems for 6th grade this coming year

6. Do you have any suggestions for how we might improve future TOTE workshops?

Not at this time.

Thanks!



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.				✓	

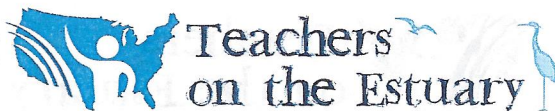
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

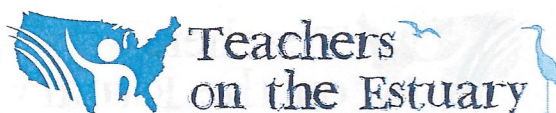
seagrass deck, keys; plankton phytot zoo deck keys
Science on sphere; oyster recycling

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

little bay / aransas bay water quality - a little
disorganized. would have been better to
do it when getting plankton at UT MSI



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? yes - UT MSI plankton phyto or zoo
or sea grass dich. & science on sphere
4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?
not having the science equipment
5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.
yes - human impact on
ecosystem.
6. Do you have any suggestions for how we might improve future TOTE workshops?



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

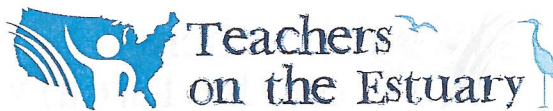
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

Fennessey - I know riparian habitat education but have never been to Fennessey

- Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.

Plant observation because I have a vast knowledge of this area
I still learned a lot and enjoyed it



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Plankton observations

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

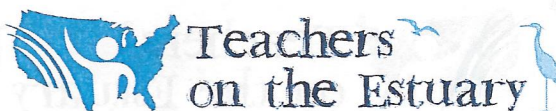
Choosing the 30 students

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

I teach an aquatics elective
and can update lots of my
activities

6. Do you have any suggestions for how we might improve future TOTE workshops?

Thank You!



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.				<input checked="" type="checkbox"/>	
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.				<input checked="" type="checkbox"/>	
The content presented in this workshop will fit easily into my teaching curriculum.				<input checked="" type="checkbox"/>	

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

Science on a Sphere - website
can be used in class & this would
be a great field trip.
Covers many Science TEKS.

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

Fennessey Ranch - plant identification
is not part of my TEKS.

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience?

Yes. Netting organisms in
the bay - vegetative vs. non-vegetative.
And SOS.

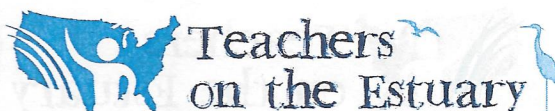
4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

No
Yes - • interdependency + human
impact on environment
• adaptations + habitats (somewhat)

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

6. Do you have any suggestions for how we might improve future TOTE workshops?

aligned more specifically with
TEKS.



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.				✓	

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

Collection of species from the bay in Rockport.

Showed the importance of vegetation for species habitats & protection

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

Research vessel - small, not a lot of hands on

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? _____

Rockport - collecting species
- Science on the sphere

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

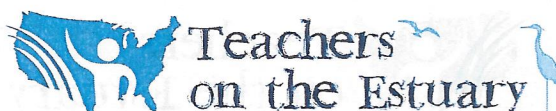
no

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

\

6. Do you have any suggestions for how we might improve future TOTE workshops?

Don't have speakers after lunch -



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					<input checked="" type="checkbox"/>
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					<input checked="" type="checkbox"/>
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					<input checked="" type="checkbox"/>
The content presented in this workshop will fit easily into my teaching curriculum.			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ONLY BECAUSE I'M TEACHING HISTORY NEXT

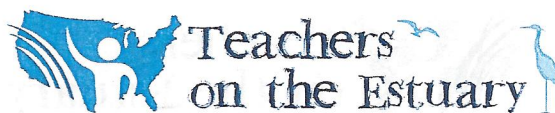
Please help us improve our TOTE programs by answering the following questions: YEAR... I THINK...

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

OYSTER. I'LL BE ABLE TO DO THIS IN CLASS OR IN FIELD WITH KIDS.

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

SPHERE - PERHAPS MY FAVORITE, BUT I DON'T HAVE ONE, THE KIDS THAT GET TO COME SEE IT WILL LOVE IT THOUGH.



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? YES, I'LL BRING KIDS. WE HAVE TO GET BACK TO YOU ON ACTIVITIES

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

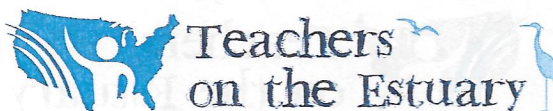
I WORK WITH THE KIDS AFTER SCHOOL, SO
NJO PROBLEMS

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

I'M STUCK WITH U.S. + TEXAS HISTORY NEXT
YEAR - SCIENCE IS AFTER SCHOOL PROGRAM. I WILL
PASS KNOWLEDGE TO CO-WORKERS.

6. Do you have any suggestions for how we might improve future TOTE workshops?

EASILY ONE OF THE BEST I'VE EVER BEEN TO.
CAN'T THINK OF ANYTHING THAT CAN BE IMPROVED.



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

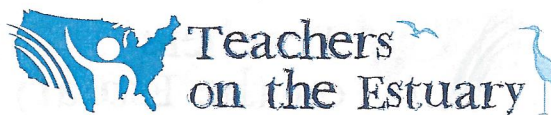
Please help us improve our TOTE programs by answering the following questions:

1. Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

I really enjoyed the S.O.S. Presentation. It will be a valuable resource. I also enjoyed the Phytoplankton Lab and ~~expln~~ explanation. Everything ~~was~~ will be valuable and useful.

2. Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.





3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? I would like to visit the Bay Education Center to have students view the S.O.S. presentation. We are close enough to get more community awareness to

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

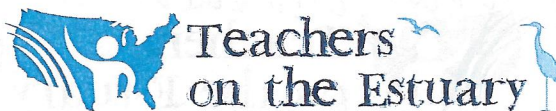
Everything seems to be easily accessible and readily available for student opportunities.

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes because I teach 8th Grade and 7th and 6th TEKS will be easily integrated.

6. Do you have any suggestions for how we might improve future TOTE workshops?

Everything went well and ~~was~~ smooth.



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

Hard to pick one as all the info I received and all the activities/field trips were filled with new knowledge for me. The Bay Educ Activities - plant ID, water testing, & plant life, animal life - would be great to do with my 5th graders. But I also loved the urns activities too! And The Ranch!

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

None

This has been the absolute BEST professional development I have attended in the 13 years I have taught!
Thanks to all the wonderful staff for hosting/teaching us!



Teachers
on the Estuary

3. Do you intend to bring 30 of your students back to participate in a grant-funded field

experience as part of the TOTE project? If so, which activity would you like your students to experience?

yes - I'm not sure which activity to choose yet. Possibly a rotation of 75 kids from UMSI if we have funding to pay for the extra students.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

No barriers at all. I'm excited about all of the info & resources I received.

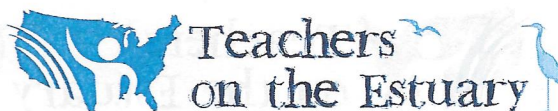
5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

yes - I focus on hands-on activities as much as possible & relating to real-world & local connections as much as possible

6. Do you have any suggestions for how we might improve future TOTE workshops?

More days - more activities 😊





TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

Lots - hard to choose - adaptations of Marsh plants; oyster reef power point; dichotomous keys; seining of vegetated vs. sandy bottoms. All relate to local ecosystems.

- Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.

Too much time spent on classifying plankton only because that is such a small part of our Science TEKS

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience?

Yes!! Adaptations and water quality parameters and ecosystem types vs. animal life found there.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

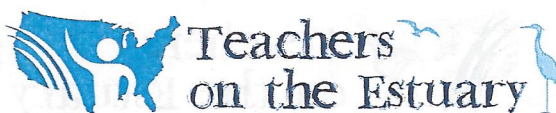
Funding for buses to bring kids to science on a sphere and funding to get any of the equipment.

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes yes yes!!! It all relates to our TELS.

6. Do you have any suggestions for how we might improve future TOTE workshops?

It was all great!! Just love ya Carolyn!!!



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
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This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					<input checked="" type="checkbox"/>
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					<input checked="" type="checkbox"/>
The content presented in this workshop will fit easily into my teaching curriculum.				<input checked="" type="checkbox"/>	

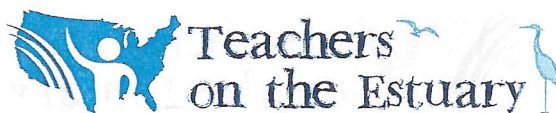
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

So many things that I can use in my classroom
 (Science on a Sphere- Easy to use in the classroom)
 (Oyster-rejuvenation - filtering water in estuaries)

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

Workshop was wonderful
 Leaf Identification- I don't know enough about trees to set this up for my students



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? Yes- Port Aransas Facility

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

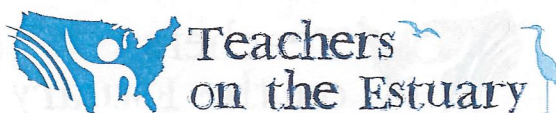
Need to continue to improve my knowledge
Time

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Wonderful content looking forward to incorporating into curriculum

6. Do you have any suggestions for how we might improve future TOTE workshops?

Great job



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.					✓

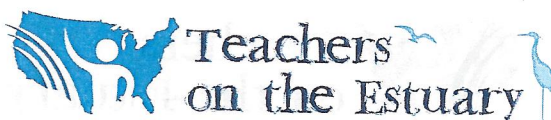
Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the most valuable? Please explain why you found it so.

Observing phyto + zooplankton samples
 Identifying plants using dichotomous keys
 Discussions about cause + effect
 of environmental issues, salinity, etc.

- Which of the activities or resources presented in this workshop did you find the least valuable? Please explain why you found it so.

N/A all valuable -
 Awesome Workshop!



3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience? _____

*Yes, outside with quality
organisms open vs grass area
at Sennery Ranch -*

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

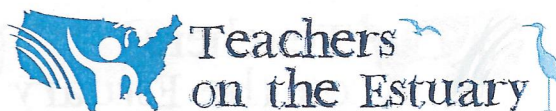
Buses

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

*Yes! abiotic/biotic, cells, taxonomy,
ecosystems, critical thinking!*

6. Do you have any suggestions for how we might improve future TOTE workshops?

*Loved how you kept us active
Fun Way to Learn!*



TEACHERS ON THE ESTUARY (TOTE) - WORKSHOP EVALUATION

Please rate the following statements by placing a check in the appropriate box:

Statement	Strongly disagree	Disagree	Unsure	Agree	Strongly Agree
This workshop improved my awareness of the value of coastal natural resource areas, such as seagrass, oyster reef, and riparian woodland habitats.					✓
This workshop improved my awareness of environmental issues that threaten coastal natural resource areas and how humans can help protect them.					✓
I intend to use at least some of what I learned in this workshop in my teaching during the upcoming academic year.					✓
The content presented in this workshop will fit easily into my teaching curriculum.				✓	

Please help us improve our TOTE programs by answering the following questions:

- Which of the activities or resources presented in this workshop did you find the **most** valuable? Please explain why you found it so.

I loved the oyster reef restoration. I find the aspect of oysters being such strong "filterers" amazing.

- Which of the activities or resources presented in this workshop did you find the **least** valuable? Please explain why you found it so.

I would not change anything!

3. Do you intend to bring 30 of your students back to participate in a grant-funded field experience as part of the TOTE project? If so, which activity would you like your students to experience?

Outside water and organism counts in vegetative areas and in Little Bay. Would love to take them to Finnesey Ranch.

4. Do you expect to face any barriers to teaching the content that was presented in this workshop, and if so, what might they be?

Buses and school calendar testing.

5. Did the content presented in this program complement your current teaching curriculum? If so, please explain in what way it did so.

Yes, I particularly enjoyed the local dichotomous keys.

6. Do you have any suggestions for how we might improve future TOTE workshops?

Don't have any suggestions.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where saltwater and
freshwater meet.

2) What is one reason that estuaries are important?

✗ A place where certain marine
animals live.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can pick up the extra fertilizer
and dog poop.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It is a where salt water and fresh water meet and mix.

2) What is one reason that estuaries are important?

✓ The plants are important to an estuary because the fish eat the plants or the fish can hide from predators.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ One thing that people can do to help keep our estuaries healthy is to not litter so that the fish and animals don't eat it or get stuck in the litter and they can also die so don't litter!

Julia

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where freshwater meets saltwater

2) What is one reason that estuaries are important?

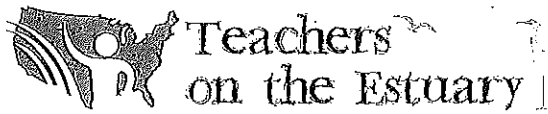
X They have a lot of the plankton that turtles eat.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can make sure that they don't litter.



Tonday



TOTE STUDENT EVALUATION

1) What is an estuary?

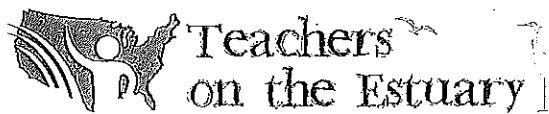
✓ where salt and fresh water mix

2) What is one reason that estuaries are important?

X to help a type of animal reproduce

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't throw your trash in the water



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water and fresh water
mix.

2) What is one reason that estuaries are important?

X Salt water is a big part of estuaries.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't over fertilize you yard. When
you go on a walk with your dog
make sure to bring poop bags
or the poop will wash to
the water and bad things will happen.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water meets fresh
water

2) What is one reason that estuaries are important?

nausea, tide plankton

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't use too much fertilizer
for your plants

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When saltwater and fresh water
meet

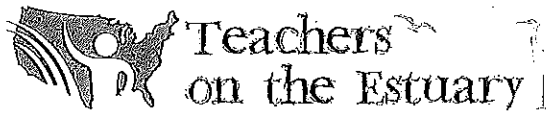
2) What is one reason that estuaries are important?

X

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up dog poop.

Oaks



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Its were fresh and ~~salt~~ salt
water meet.

2) What is one reason that estuaries are important?

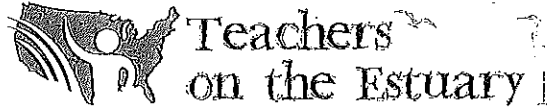
X ~~The~~ Water needs to
be clear

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up are pets poop



Dakota M



TOTE STUDENT EVALUATION

1) What is an estuary?

X A place where plankton lives,

2) What is one reason that estuaries are important?

X Help keep so much salt.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Stop using fertilizer



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where fresh water and
salt water meet.

2) What is one reason that estuaries are important?

✓ Plants in estuaries filter the sediment
from water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't use too much fertilizer.



TOTE STUDENT EVALUATION

1) What is an estuary?

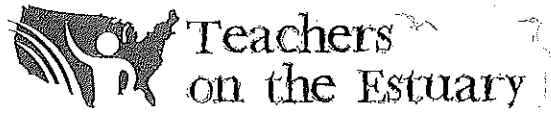
✓ An area where salt and
fresh water meet

2) What is one reason that estuaries are important?

✓ Without them fish and birds would
die and there would be food.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up our animal poop



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where fresh water and salt water mix to make brackish water.

2) What is one reason that estuaries are important?

✓ Because they serve as habitats for animals such as shrimp it is a place where they can grow up.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't use too much fertilizer and clean up your animal's scat.

Dominick

Garcia



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where rivers meet oceans.

2) What is one reason that estuaries are important?

✓ The Juvenile and immature fish
live there.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Use less fertilizer, clean your pet's
waste, and don't litter in an estuary.



Hannah T.

TOTE STUDENT EVALUATION

1) What is an estuary?

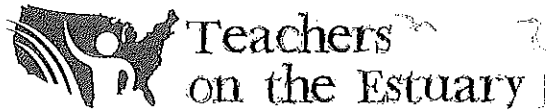
✓ Where fresh water and
salt water meets.

2) What is one reason that estuaries are important?

✓ Plants filter water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't use too much
fertilizer.



Wylie

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A estuary is a place that the water is brackish water.

2) What is one reason that estuaries are important?

People grow oysters in estuaries.

3) Describe one thing that people can do to help keep our estuaries healthy:

Do not litter.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where fresh and salt water meet.

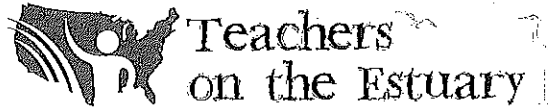
2) What is one reason that estuaries are important?

✓ To make a place for many living organisms.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ They can not use too much fertilizer.

2A NB



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a estuary is where fresh water meets salt water.

2) What is one reason that estuaries are important?

✓ because they hold lots of fish

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't put too much fertilizer.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt water and fresh water meet.

2) What is one reason that estuaries are important?

✓ The plants produce oxygen for the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not to use too much fertilizer on your plants

Dylan



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt water and Fresh water meet.

2) What is one reason that estuaries are important?

✓ it is a habitat for plants and animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not litter and clean up trash, also reduce fishing.



TOTE STUDENT EVALUATION

1) What is an estuary?

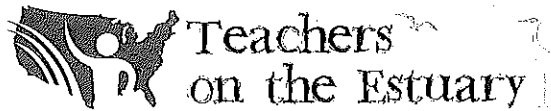
✓ is when saltwater and freshwater
meet

2) What is one reason that estuaries are important?

✓ an estuary is a habitat for
plants and animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't to fertilize your yard and
clean up dog poop



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt water and fresh water meet and mix.

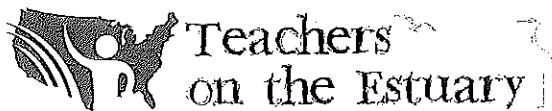
2) What is one reason that estuaries are important?

✓ Because plants and animals like whooping cranes and crabs ext. live well in the estuary habitat.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We could try not to put too much fertilizer in our yards because it could make the plankton bloom too much.

Samantha
Reagan
Ogle



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A estuary is were salt water meets
fresh water.

2) What is one reason that estuaries are important?

✓ One reasons estuaries are important
is all the plants, fish eat some plants.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ One way people can keep our
estuaries healthy is to not use
a lot of fertilizer.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It is where salt water and freshwater meet and mix.

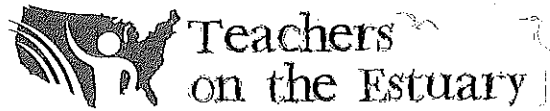
2) What is one reason that estuaries are important?

✓ The estuaries are important for the certain animals and plants who live there.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't litter, if you litter, the animals could eat the trash and get very, very sick, and they can even die.

Maddy



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where salt water and salt water convert.

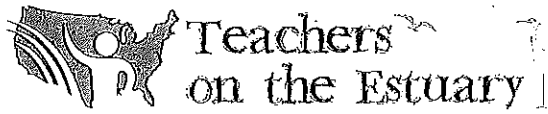
2) What is one reason that estuaries are important?

✓ One reason that estuaries are important is that fish live there.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Plant plants on the ground to hold sediment in the ground and not go in water.

I am.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ it is where salt water and freshwater mix.

2) What is one reason that estuaries are important?

✓ it is home to lots of creatures.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ keep out trash.



Jeb

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt water and
fresh water meet

2) What is one reason that estuaries are important?

✓ It is not so salty so
different animals can live in it

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not throw trash in the
ocean or water.



Jason



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ We're salt and water mix

2) What is one reason that estuaries are important?

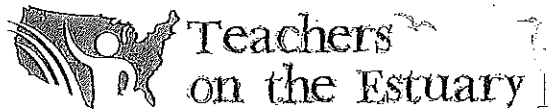
✓ Well to much salt
can kill animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ take short + showers



Stefan



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where freshwater and saltwater meet.

2) What is one reason that estuaries are important?

✓ The plants filter the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Clean up trash and not litter.



My name is Ava Smith



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A body of water that mixes salt & fresh water.

2) What is one reason that estuaries are important?

✓ Estuaries are important because the plants in an estuarie, cleans & filters the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ One thing that you can do is not use a lot of fertilizer in your garden because the fertilizer can get in the water and if it does get in the water it kills plankton.

MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE



THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
College of Natural Sciences

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where freshwater + saltwater meet.

2) What is one reason that estuaries are important?

✓ They have plants that give us oxygen.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can pick up our dog's poop when near oceans, rivers, lakes, etc.



Arthur Pecore

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where ocean water and a river meet.

2) What is one reason that estuaries are important?

✓ It helps filter the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up trash that you see around the estuaries and don't litter.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When fresh water and salt water mixed.

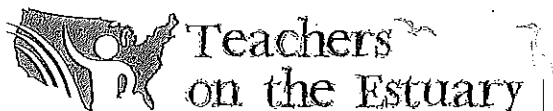
2) What is one reason that estuaries are important?

✓ there home to plants and animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't throw trash to the water

Kyle



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Somewhere where saltwater
and fresh water meet.

2) What is one reason that estuaries are important?

✓ So animals that need
water can stop at a
estuarie and also the
flying birds for a stop.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can pick up the trash
we leave on the grass and
in the water.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Were fresh water and salt water meet and mix.

2) What is one reason that estuaries are important?

✓ The main grov in Estuaries help filter out pollution.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can decrease the amount of fertilizer we use for all of our plants, don't buy plants that need a lot of water.

Addie

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where salt water and fresh water meet.

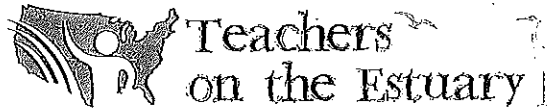
2) What is one reason that estuaries are important?

✓ They are important because, they give people oxygen.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ They can Not throw there food ~~in~~ the ocean.

Calli



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a salt water and fresh water area. Sometimes a marsh.

2) What is one reason that estuaries are important?

They have a lot of plankton

OK

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ do not litter so they can be healthy.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt water
and fresh water meet.

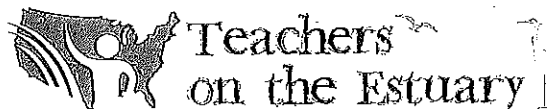
2) What is one reason that estuaries are important?

✓ They filter the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not put a lot of fertilizer in
your garden. Clean up your dog's poop.
Pick up trash, Don't litter, Don't pollute.

Miles



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Were salt water and fresh water meet.

2) What is one reason that estuaries are important?

✓ Because they filter the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Clean up the trash so you can keep it clean.





1) What is an estuary?

2) What is one reason that estuaries are important?

3) Describe one thing that people can do to help keep our estuaries healthy:

By: Zoey (the zora)

Issue



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It's when salt water and
fresh water mix.

2) What is one reason that estuaries are important?

✓ They are homes to plants
and animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't pollute the
water



TOTE STUDENT EVALUATION

1) What is an estuary?

X Drought

2) What is one reason that estuaries are important?

X So that we have clean

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Take shorter showers, don't
use too much fertilizer.

TOTE STUDENT EVALUATION

1) What is an estuary?

X Some where where they study
the sea.

2) What is one reason that estuaries are important?

✓ They are impor + a A because
they help the water to
be clean

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ they can start picking
up the poop off their
dog so it won't flow
in to the bay when
it rains.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A estuary is when salt and water
come together.

2) What is one reason that estuaries are important?

X They help animals live in their
ecosystem.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up trash, take short
showers. Don't put trash in
the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When salt and fresh water
meet.

2) What is one reason that estuaries are important?

X The fish need salt
or fresh water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Plant plants and trees

TOTE STUDENT EVALUATION

1) What is an estuary?



Two bodies of water like a nursery.

2) What is one reason that estuaries are important?



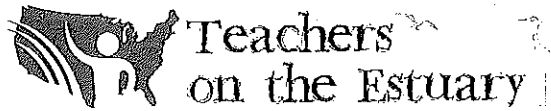
they help the water ecosystem.

3) Describe one thing that people can do to help keep our estuaries healthy:



stop being lazy and actually bend down, and pick up their stupid trash and dispose of it properly, sheesh. the world would be a better place if some people were being purposely stupid.





TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a body of water with salt and fresh water.

2) What is one reason that estuaries are important?

✓ they are homes for animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can pick up dog poop.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It is where rivers meet the sea

2) What is one reason that estuaries are important?

✓ They keep wild life safe and
it is a place where animals live.

3) Describe one thing that people can do to help keep our estuaries healthy:

- ✓
- Pick up trash.
 - prevent putting to much myrica / grow soil to doeshy wash up
 - pick up poop
 - don't through trash

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where any amount of rivers meet the sea.

2) What is one reason that estuaries are important?

✓ One reason why estuaries are important is because it is a home to many animals. It gives us food for us to eat and sell.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓

- pick up trash
- pick up dog poop.
- not use a lot of fertilizer, use the amount on the back.
- plant native plants.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ an estuary is two bodys of water coming together
and going into the ocean

2) What is one reason that estuaries are important?

✓ one reason that estuaries are important is that
it brings food for fish and fish core in that
we can catch.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ one thing that somebody can do is pick up trash
after themselves and a second thing is they can
plant more things that do not need alot of fertilizer

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where salt and
fresh water meet.

2) What is one reason that estuaries are important?

✓ Estuaries provide food for
people and animals, which
helps the economy.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ They can place certain
species which will help the
area, and keep it clean

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When two bodies of water come together =
brackish water

2) What is one reason that estuaries are important?

✓ Because animals can live in there and those animals
are animals is like eat

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can keep trash out and stop fishing
that so our estuaries are healthy.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where two bodies of water combine.
Salt water and fresh water combined.

2) What is one reason that estuaries are important?

✓ They help feed into our
bodies of water so that
we have very good
water to have and they
are for fish.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We could build the place with
plants so that not a lot of
nutrients could get into the estuary.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ when salt water and fresh water combine

2) What is one reason that estuaries are important?

✓ it keeps water and food in it like fish
oysters and more

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ pick up trash next to the river plant
plant just make sure your bar area

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Two bodies of water that
mix together to make brackish water

2) What is one reason that estuaries are important?

✓ They have lots of food
in them

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ No pollution and help do
better things

TOTE STUDENT EVALUATION

1) What is an estuary?

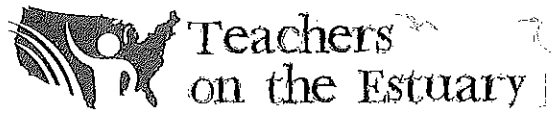
✓ An estuary is a body of water that has salt & fresh water from lakes or rivers.

2) What is one reason that estuaries are important?

✓ Estuaries are important because they provide homes for animals & plants and they keep the environment clean/under control.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can stop littering and taking long showers. It pollutes the estuaries and takes water away from them.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ two type of body of waters mixed together

2) What is one reason that estuaries are important?

✓ there are food for animals that eat plankton.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ keep mud out of water and pick up trash, plant trees

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A body of water where rivers meet
the sea.

2) What is one reason that estuaries are important?

✓ They act as a filter and make
brackish water

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up trash and throw it actually
in the trash can.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It like a nursery for baby fishes and are made from salt and Fresh water.

2) What is one reason that estuaries are important?

✓ They are like nurseries for baby fishes. Mostly homes for zooplankton and phytoplankton.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ By picking up trash and planting plants on soil so it doesn't make the water dirty.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is an area where Fresh and
Saltwater meet.

2) What is one reason that estuaries are important?

✓ One reason estuaries are important is, they
are nursery habitats for many animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ One thing that people can do to help keep
our estuaries healthy is don't over fertilize
or water your lawn too much.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A Estuary is when fresh and salt water come together.

2) What is one reason that estuaries are important?

✓ Estuaries are known as the nursery of the sea so when plants and animals haven't matured they go to Estuaries to grow up.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People could stop fertilizing their plants to much plankton is bad.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is a place where two bodies both fresh and salt meet.

2) What is one reason that estuaries are important?

✓ A reason why an estuary is important is because it is a place where ^{immature} organisms grow up.
(AKA baby organisms)

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Do not take long showers/ Do not fertilize too much.

TOTE STUDENT EVALUATION

1) What is an estuary?

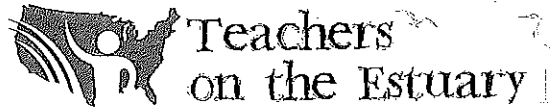
✓ Estuaries are when two bodies of water meet and make brackish water

2) What is one reason that estuaries are important?

✓ One reason that estuaries are important are that many animals grow up in estuaries

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ To not put ~~any~~ fertilizer on your lawn



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is a body of water that is in the middle of fresh and saltwater so when it mixes up it creates brackish water.

2) What is one reason that estuaries are important?

✓ Estuaries are important because they care for the animals and the plants by making food.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can stop putting so much fertilizer in their lawns.

TOTE STUDENT EVALUATION

1) What is an estuary?

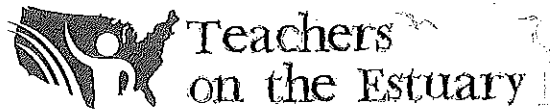
✓ It is were the juvenile and eggs are. It also has salt & fresh water that = Brackish

2) What is one reason that estuaries are important?

✓ It has a lot of fish, crabs & other animals in the. If there was no estuaries then those animals would die

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ They can not use that much water when it rano shower



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Is when two bodies of water meet and one body is fresh water and the other is salt water and that makes brackish water.

2) What is one reason that estuaries are important?

✓ One reason is they provide homes for shrimp, trout, etc.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can clean up dog poop from parks.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is two bodies of water meeting into one big body of water.

2) What is one reason that estuaries are important?

✓ One reason estuaries are important is that they keep some of our important fish safe as babies.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can conserve water.

TOTE STUDENT EVALUATION

1) What is an estuary?

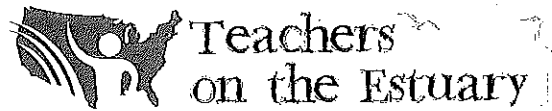
✓ A place where salt and fresh water
meet

2) What is one reason that estuaries are important?

✓ Estuaries are important cause it gives
opportunities for babies to be born and
protected from any harmful animal

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can help estuaries by
not taking long showers and also
not using fertilizer for the
plants to grow.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where two bodies of water, (Salt & fresh water) meet.

2) What is one reason that estuaries are important?

✓ Estuaries are important because it is like a nursery for baby fish. (larvae)

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can not put alot of fertilizer on their grass.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It is two bodies of water combined such as fresh and salt water.

2) What is one reason that estuaries are important?

✓ Estuaries help baby fish grow up to become Adult fish.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ You can help it by don't put too much fertilizer in your grass.

TOTE STUDENT EVALUATION

1) What is an estuary?

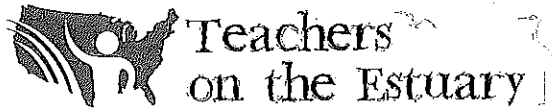
✓ An Estuary is a mix between Fresh
Water and Salt Water.

2) What is one reason that estuaries are important?

✓ Estuaries are important because they help
the environment by cleaning the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ We can stop using fertilizer because
we have too much Phytoplankton.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Its where fresh and salt water meet.

2) What is one reason that estuaries are important?

✓ Estuaries are important because it helps maintain oxygen and plants that we need for oxygen.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't over shower don't take long showers it wastes water and pollutes too much phosphorus.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where two bodies of water meet, mostly salt and Freshwater.

2) What is one reason that estuaries are important?

✓ They are nurseries for juvenile fish and other animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can stop using so much fertilizer and clean up their dogs waste.

TOTE STUDENT EVALUATION

1) What is an estuary?

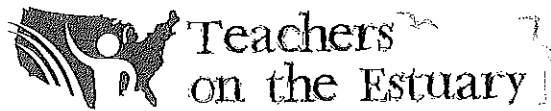
✓ An estuary is a place where rivers and oceans meet.

2) What is one reason that estuaries are important?

✓ One reason that estuaries are important is they are homes for many juvenile organisms.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ One thing people can do to help keep our estuaries healthy is not using a lot of fertilizer.



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

An Estuary is a place where
Salt & fresh water mix

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

Oysters live here and help our water
be clean

✓ 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

don't pollute so I don't get
tired

1/1/12

Windy

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When salt and fresh water meet.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Oysters live here they help filter our
water without knowing, cause when
they are eating they are filtering the water
for food.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't use so much water at our house,
so we can keep our salinity levels
good.

TOTE STUDENT EVALUATION

X 1) What is an estuary?

when streams build up sediment

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

soft Gyester Habitats and
sea grass they nurse animals
clean water and provide food

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ not let dogs poop in
bays, don't pour things down the
drain

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

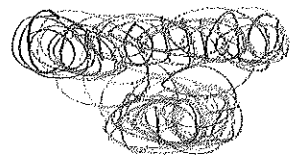
Salt water and fresh water
mix.

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

The sea grass it provides
shelter for crabs, shrimp
and other animals in the
water

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

- Don't pollute
- ✓ • Pick up after yourselves



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

salt and fresh water mix

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

in little bay, fish live in seagrass

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

• don't pollute

• pick up after your animals

✓ • don't put oil in the ocean

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

A Fresh And Salt Water Mix.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ A seaweed habitat. It provides shelter for smaller animals in the ocean.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Be careful with what you put in the ocean. For example, you cannot put trash at all in the ocean because it dirties the water and harms the animals.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

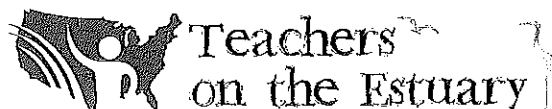
It's where salt and fresh
water meet.

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

Sea grass, it helps our fish
and duck eat and helps us
grow.

✓ 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

Don't dump salt or fertilizers onto
the ocean and don't let the
phytoplankton grow.



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where fresh water and salt water

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

Crab holes, they help some sea critters hide from predators.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ - Take short showers

- Use less fertilizers

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

An estuary is where salt & fresh water mix

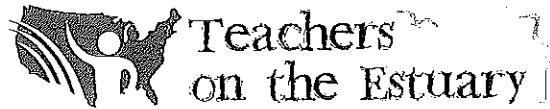
✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

Sea grass helps hide baby sea critters. They help produce oxygen.

✓ 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

Help conserve water & don't pollute. Do not throw dog waste in the water. Use fertilizer.

Lamarus Spencer
December 4th 2014



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

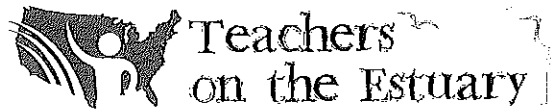
Where fresh water and salt water mix.

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

Seagrass helps hides and nurses baby aquatic animals, and also feed them.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't pollute, conserve water, do not throw fertilizer in the local estuaries



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Its when salt and fresh water
meet and diverge.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Little bay is very shallow and seems
easy for seagrass bed to grow efficiently.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We clean keep manure, local trash, and
use less water at the house to keep
these three bays clean and productive.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

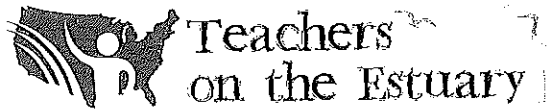
Estuary is where Fresh and salt
water meet.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Sea grass because it gives oxygen
so the fish can breathe
which they also live in them.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We can save water so it could
be more healthy and fresh for
all of the fish.



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When Fresh water and Salt water meet

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ One of the habitats found are seagrass
They help the fish and other animals
safe. Such as the whooping crane
depends on the animals in the sea
grass

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ You can throw any trash you have or
see on the ground or in the water
away.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

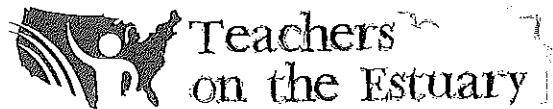
salt water and fresh mix.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Little bay, and because it provides
us with oxygen.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ - Don't dump fertilizer in the
water.



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

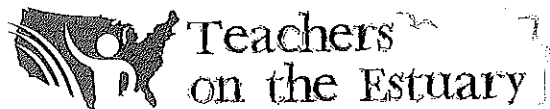
an estuary is where the bays meet
with rivers and each other.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ the bay because that is where most of the
plants and fish live get most of there
food.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ don't use to much fertilizer and save
water.



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where the bays meet the river.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Seagrass. It is important that

we keep it clean because they

produce oxygen.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

One thing I can do is don't use too much

✓ water.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where the salt and fresh water
mix.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ In Little Bay, fish live in seagrass.
The seagrass ~~is~~ goes through
photosynthesis.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ • Don't use a lot of fertilizer.
• Pick up after your animals.
• Conserve water.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

an estuary is where salt water and fresh water mix together.

✓ 2) Name one habitat found in our local estuaries and explain why that habitat is important:

Marshes, the bays and seagrass.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We could keep our estuaries clean by not using fertilizer by, not littering.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When the salt water and fresh
water mix

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ In little bay there are sea grasses that
are plants where estuary happens.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't pollute, don't throw trash into any
bay's, rivers, or oceans.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

An estuary is where freshwater and salt water combine.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Salt water marshes are important because they provide food and shelter.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't make the water dirty.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where salt water and fresh water meet.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Salt marsh it provides shelter and food for the animals.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't litter or put fertilizer in the water.

TOTE STUDENT EVALUATION

- ✓ 1) What is an estuary?

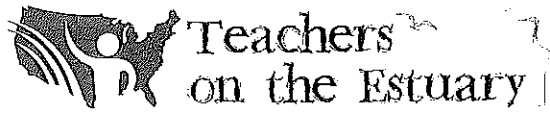
where fresh water and salt water
come together.

- 2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ salt marsh because they provide
shelter and food to fish.

- 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't drop fertilizer in ocean
and water.



TOTE STUDENT EVALUATION

- ✓ 1) What is an estuary?

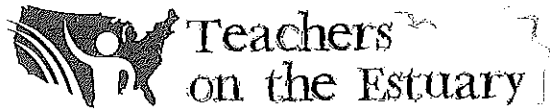
A estuary is a pke were the brays meet the river.

- 2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Oyster habitat it is important because they are living things to,

- 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Use less water don't throw trash don't put fertilizer or salt in the water,



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

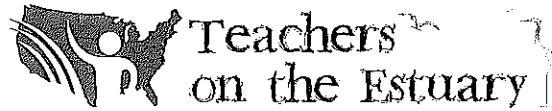
Where fresh water meets salt water

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Salt Marshes because they provide food and shelter for the animals

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't use too much fertilizer and don't litter



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When fresh & salt water
colide.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Salt marshes, because it provide
shelter & food for animals.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't over fertilize plants
in the ocean



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where the river meets the ocean.
Where fresh water mixes with salt water.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ The sea grass is important to
us because it provides oxygen to
us and the animals in the sea.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We can use less fertilizer (I think
that is how it is spelled) and use less
water. We can also pick up after our-
selves and many more ways.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When Fresh Water meets
with salt water.

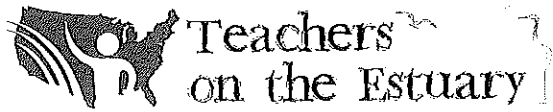
2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ One habitat is a Sea
Grass, it's important because,
The sea Grass gives
out oxygen.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ The things you can do
is: Don't pollute, use less
Fertilizer, and ect.

April Daud
12/3/14



31

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

It's of course of saltwater area, like the marsh, sea grass, and the oyster area.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ The sea grass is important because of the oxygen and the smaller fish can hide from predators like the blue crabs which the crane loves.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't put too much fertilizers and no polluting the ocean. Also don't waste the fresh water you have especially when there's droughts.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

An estuary is where the salt and fresh mix together

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ The salt water grass is one habitat. The animals all around come. The Whooping Crane comes for our Blue Grabs.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We can save anything from going into the water, from polluting it

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Fresh water and Salt Water

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Sea Grass helps fish hide from
predators. Sea Grass produce
Oxygen.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We can stop using water so
much. We can clean up so our
trash won't pollute the water.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

An estuary is where fresh and salt water mix or come together

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ A seaweed habitat. It provides food shelter and nesting. They filter anything in contact.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Be conservative with water. Plant plants by water to use as a filter. Don't use fertilizer.

TOTE STUDENT EVALUATION

- ✓ 1) What is an estuary?

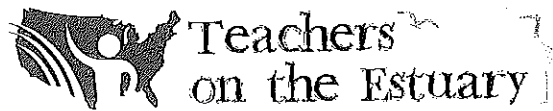
An estuary is where fresh and
salt water mix

- 2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Seaweed habitats are very
important because they provide
food and shelter for fish and
other organisms.

- 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ People can conserve water and
maybe even volunteer here to
help out.



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where fresh water meets salt water

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ seagrass where phytoplankton
live and grow

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't use too much or leak
out fertilizer

TOTE STUDENT EVALUATION

- ✓ 1) What is an estuary?

An estuary is where salt and fresh water meet.

- 2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ The sea grass habitat help keep the fish alive by releasing oxygen into the water so that the fish can survive.

- 3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ One thing we can do to keep our estuaries clean is be more careful with the fertilizer and conserve water.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

a place where salt and fresh
water meets.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ 16. Grass, it nurses ~~the~~ and
nurses ~~from~~ baby aquatic
animals.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ We can not pollute and conserve
water. Take shorter showers.
Water my grass less.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When Freshwater meet with
saltwater

2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Seagrass Habitat - it helps juvenile
fish hide from predators.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't pollute water limit use
of water in our lives.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where fresh water mixes with
salt water.

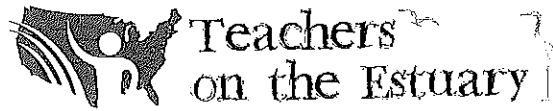
2) Name one habitat found in our local estuaries and explain why that habitat is important:

✓ Sea grass is one of the habitat
and it is important because it
produces oxygen.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Do not throw poop in the water

12-4-14



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

it is where fresh and salt water meet.

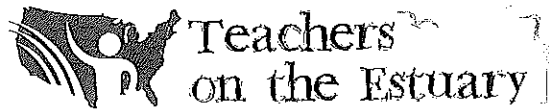
2) Name one habitat found in our local estuaries and explain why that habitat is important:

X phytoplankton and they make oxygen for the water.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ don't use fertilizer, and pick up your dog poop.

12-4-14



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

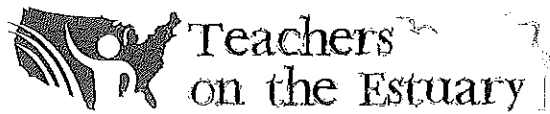
It's where salt water and fresh water meet

2) Name one habitat found in our local estuaries and explain why that habitat is important:

X phytoplankton and they make oxygen for the water

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't use fertilizer and pick up your dog poop



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

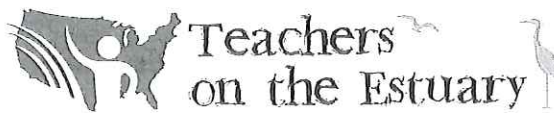
A place where bay's meet rivers.

2) Name one habitat found in our local estuaries and explain why that habitat is important:

X one of the many, is oyster beds, and sea glass.

3) Describe one thing that you can do to help keep our local estuaries clean and healthy:

✓ Don't let dog poop on the bays,
Don't poop stuff in the bays.



TOTE STUDENT EVALUATION

1) What is an estuary?

X An nursery for marine life.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ So that we have marine life in the area.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ we can pick up trash.

TOTE STUDENT EVALUATION

1) What is an estuary?

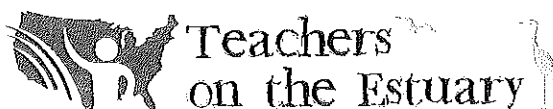
✓ A place where fresh water, and salt water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

X For animals that can only live in slightly salty water.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ Plant plants, make more people aware, and volunteer help.



TOTE STUDENT EVALUATION

1) What is an estuary?

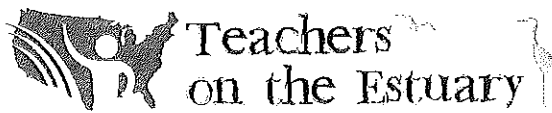
✓ Where salt water and fresh water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✗ because the type of animals that live in estuaries are very little in numbers

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ By stop littering and recycle instead of leaving trash around



TOTE STUDENT EVALUATION

1) What is an estuary?

X The nursery of the sea

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ because animals live there

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ pick up trash

TOTE STUDENT EVALUATION

1) What is an estuary?

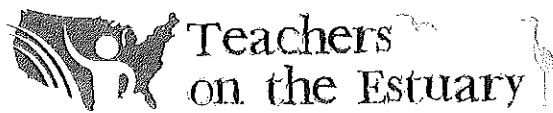
✓ a estuary is where
salt water and fresh
water mix

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

X the special animals breed
there

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ clean the ~~est~~ estuaries
of trash



TOTE STUDENT EVALUATION

1) What is an estuary?

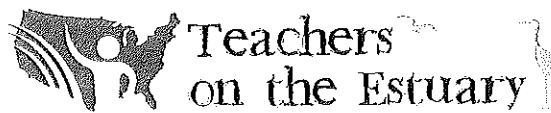
✓ The place where fresh water meets salt water

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ They are homes for many baby animals

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ People can plant seagrass to keep the balance in place



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a place where salt water and fresh
water meet

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ Some animals can't survive in fresh water
and some animals can't survive in salt
water so they live in ^{an} estuary

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ they can not litter

TOTE STUDENT EVALUATION

1) What is an estuary?

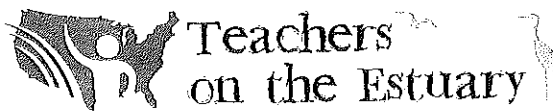
✓ An estuary is where freshwater
and saltwater meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ They're important because many
things depend on the environment like
oyster reefs and it also nurses
different animals like salmon.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ Not already planting seagrass and
putting in oyster reefs, but people
also can pick up litter.



TOTE STUDENT EVALUATION

1) What is an estuary?

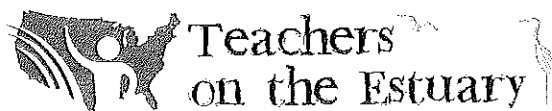
✓ were saltwater and fresh water
meet

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ some animals cant live in
fresh and salt water.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ pick up trash and dont blow
leaves into pipes



TOTE STUDENT EVALUATION

1) What is an estuary?

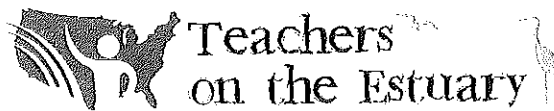
✓ An estuary is where saltwater and freshwater meet

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ they clean and filter our oceans and they are also a nursery for fish, and other animals

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ KEEP TRASH OUT OF THE OCEAN



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where fresh water and salt water meet.

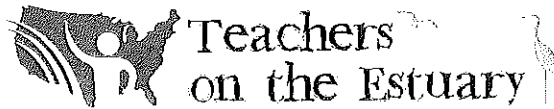
2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ Homes for animals who don't have homes.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ Don't litter, always recycle, and

Maylee Vannapana



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a body of water that is
a mix of fresh & salt water.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ Because it is the home for
many under water animals.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ pick up trash so it does
not flow into the estuaries.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water meets fresh water.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ Certain animals need to live in those habitats, because they can't stand fresh water, and the ocean is too salty.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ They can dump bags of oyster shells into the bay to make reefs.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water & freshwater
combined.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ There is wildlife, and a place for
other wildlife.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ Plant grass, salt grass.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water and fresh water meet.

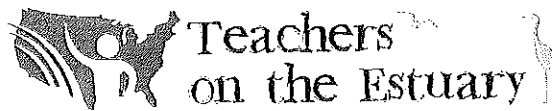
2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ It is important because some animals can't live in water that's too salty or too fresh.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ People can help by using rainwater to water plants and that is called rainwater harvesting.

Christian



TOTE STUDENT EVALUATION

1) What is an estuary?

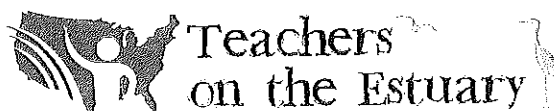
✓ It's when fresh ^(river) water meets salt water (ocean)

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ They clean and filter the water in the ocean so the water isn't mercury.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ They can use oysters to clean water and to make more oysters. This helps us by making water good and making more sea creatures to also clean



TOTE STUDENT EVALUATION

1) What is an estuary?

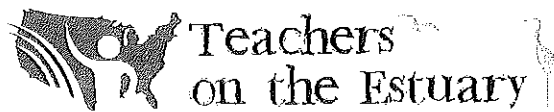
✓ It's where fresh water and salt water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ They are important because it's like a nursery for immature species and some animals aren't adapted to the salt water by it's self or just the fresh water by it's self.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ They can take old oyster shells and put them in bags to be set in the water.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where fresh water and salt water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ One reason why an estuary like Little Bay are important is because it is like a nursery to many animals. Oysters, fish, crabs, shrimp and plankton all live here.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ People can save oyster shells and put them back in the estuaries so more reefs can form.

TOTE STUDENT EVALUATION

1) What is an estuary?

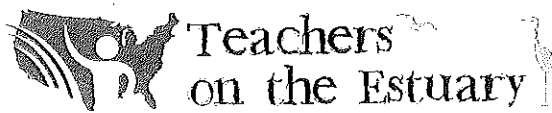
✓ Its when fresh water (river) meets the salt water (ocean)

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ It is important because ~~a~~ certain animals can't live in salty water like the ocean or fresh water like a river.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ They can use oysters to clean water and to make more oysters. This helps ~~us~~ us by making the water good and making more ~~animal~~ sea creatures in little bays.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where saltwater and fresh water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ ~~So that~~ They are important because it can filter the water and have ~~people~~ animals in there and live in there.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ ~~Don't litter~~ The one thing that people need to be safe about is not to litter and clean up after them selves.

TOTE STUDENT EVALUATION

1) What is an estuary?

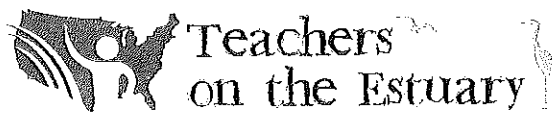
✓ An estuary is where ocean/salt water combines with fresh water.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ Estuaries are important because some species can only live in estuaries, and they are also important because they are a nursing ground for baby fish.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ People can help keep estuaries healthy by picking up trash, not using pesticides and other harmful chemicals, and planting plants and putting oysters there to clean the water.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Salt & fresh water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ It has oyster shells so fish can have a habitat.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ not litter.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where salt water and fresh water meet.

2) What is one reason that estuary habitats, such as those in Little Bay, are important?

✓ Some animals can only live in an estuary.

3) Describe one thing that people can do to help keep estuaries, such as Little Bay, healthy:

✓ We could stop polluting

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ fresh water and
salt water mix together

2) What is one reason why estuary plants are important?

✓ because they give off
oxygen

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Do not throw trash
in the water because it
causes the water to go bad.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ fresh and salt water
mixed together.

2) What is one reason why estuary plants are important?

they give off oxygen
for us humans

OK

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't litter.

marvin

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Fresh water and salt water

2) What is one reason why estuary plants are important?

✓ They give us oxygen

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ keep the water clean
don't throw trash in the water

TOTE STUDENT EVALUATION

1) What is an estuary?

To ~~types~~ of water meet
together.

2) What is one reason why estuary plants are important?

✓ Because it is erosion it cleans
the water and plants gives
us oxygen.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't throw away trash because
it goes to the water.

Baikymyab



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

OK

a mixture of 2 waters

2) What is one reason why estuary plants are important?

OK

They help us breathe

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

OK

not throw trash away



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Fresh water and salt
water meet.

2) What is one reason why estuary plants are important?

✓ protection from erosion.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ ~~Pool~~ Because if you put
stuff in the ground
it would erode the
ocean or it would
erode rivers.



Teachers
on the Estuary

Trinity Carabgal

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ salt water and fresh water

2) What is one reason why estuary plants are important?

✓ to help plants and animals live.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ use less water.



Autumn



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ salt water and
fresh water meet

2) What is one reason why estuary plants are important?

✓ gives food and oxygen

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ not throw trash in
the streets



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a estuary is where salt and
fresh water mix.

2) What is one reason why estuary plants are important?

✓ the are important cause they
clean out the water

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ don't throw nasty stuff in the
water.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place surrounded by water. The water is fresh and salt mixed together

2) What is one reason why estuary plants are important?

✓ They feed turtles and the fish. Whooping crane needs the plants to survive

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't throw plastic in the water. Not much freshwater on land because it can change to salt water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Fresh water met salt water

2) What is one reason why estuary plants are important?

✓ It protects the habitat - roots

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

ok If you have too much fresh water there's not gonna be any more fresh water.

Jordan Kelley



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where fresh water mixes with salt water

2) What is one reason why estuary plants are important?

OK ~~On~~ ~~bracket~~, protects the habitat

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Because if we use too much water
there won't be any water in the estuary



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ fresh water and salt water meets

2) What is one reason why estuary plants are important?

OK habitat, protection

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ there is not enough water, because we use so muchwater

Nancy

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where some F Fresh water and salt
water meet

2) What is one reason why estuary plants are important?

✓ Nutrit food protection

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Because if we use too much fresh
water there not going to be any
freshwater left,

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where salt water and fresh
water meet

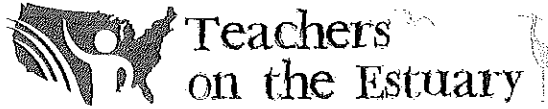
2) What is one reason why estuary plants are important?

✓ Nursery for fish and animals
also protect habitat

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't throw plastic
in up stream and other
things

37
Mia Olvera



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Fresh water meet Salt water

2) What is one reason why estuary plants are important?

✓ habitat food protect it habitat

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Because if we use too much fresh water will not be any fresh water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An ocean body of salt and fresh water.

2) What is one reason why estuary plants are important?

✓ Without the plants fish wouldn't be alive so we may eat.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Not leave trash where ever, because wind will blow into the ocean.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is a mixture of
salt and water

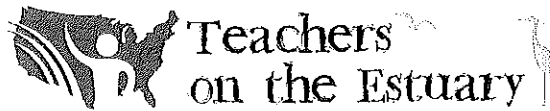
2) What is one reason why estuary plants are important?

✓ They are important because
they help especially with
CO₂ and O₂

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't leave trash because
that affects plants too

Alanna



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt water and fresh water meet.

2) What is one reason why estuary plants are important?

✓ They serve as a nursery for many young animals. (Example fish, eels, etc.)

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't litter! and throw things in the correct place!

TOTE STUDENT EVALUATION

1) What is an estuary?

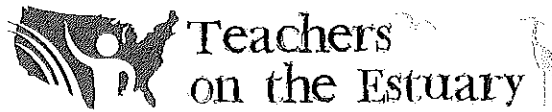
✓ An estuary is the mixture of fresh water and saltwater.

2) What is one reason why estuary plants are important?

✓ They produce food for other organisms like themselves so that they can go through a cycle.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Only take a 5 minute shower instead of a bath.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt and freshwater meet.

2) What is one reason why estuary plants are important?

✓ To feed the animals.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Do not litter.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Salt water and freshwater mix together.

2) What is one reason why estuary plants are important?

✓ They are a nursery for animals that live in the water.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Do not throw stuff that can kill the animals out. Like don't throw the 6 pack ring bottle things.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where freshwater and
salt water mix

2) What is one reason why estuary plants are important?

✓ They provide shelter to organisms
that could be prey

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Take showers instead of baths
or brush teeth without running
water

TOTE STUDENT EVALUATION

1) What is an estuary?

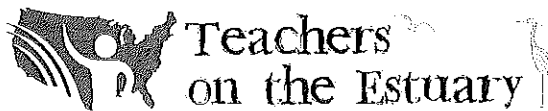
✓ where salt and fresh water mix

2) What is one reason why estuary plants are important?

✓ They help animals stay alive so animals
can eat them.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ clean all of the trash up from the
surrounding



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt and fresh water meet.

2) What is one reason why estuary plants are important?

✓ Plants can stop the trash
that turtles mistake jellyfish.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't litter and pick up trash.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It's where fresh and saltwater meet.

2) What is one reason why estuary plants are important?

✓ For the animals living near it and they need those plants + us too.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ 5 min. shower, cleanup less using of freshwater.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where fresh water and salt water meet.

2) What is one reason why estuary plants are important?

✓ They make Oxygen!

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Keep the Mission River Clean!

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Salt water and fresh water rivers meeting.

2) What is one reason why estuary plants are important?

✓ They make oxygen.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Stop polluting trash.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where saltwater and freshwater meet.

2) What is one reason why estuary plants are important?

✓ They give oxygen and keep soil in place

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Don't litter



Gabriela



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Freshwater and salt water meet.

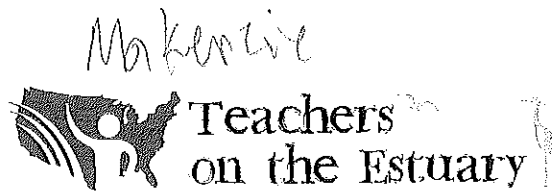
2) What is one reason why estuary plants are important?

✓ Food and protects the habitats.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

because ~~because~~ if you have too much fresh water there will no more fresh water left.





TOTE STUDENT EVALUATION

1) What is an estuary?

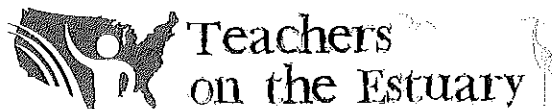
✓ Salt water and Fresh water meet.

2) What is one reason why estuary plants are important?

✓ They give us oxygen.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X They go through rivers and in up the the Ocean



TOTE STUDENT EVALUATION

1) What is an estuary?

X

fresh water

2) What is one reason why estuary plants are important?

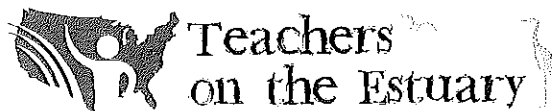
ok

They give us oxygen

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓

do not put trash in the ocean



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When two water meets salt water
fresh water

2) What is one reason why estuary plants are important?

✓ give oxygen

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✗ give water and food

TOTE STUDENT EVALUATION

1) What is an estuary?

where two waters meet

OK

2) What is one reason why estuary plants are important?

they give us food

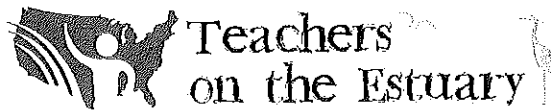
X

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

Water helps live

X

Kaitlin



TOTE STUDENT EVALUATION

1) What is an estuary?

X Fresh water

2) What is one reason why estuary plants are important?

OK Because it is erosion

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X do not throw away

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ two types of water meet

2) What is one reason why estuary plants are important?

X they help our planet

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ you can clean and keep trash
out of ocean

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

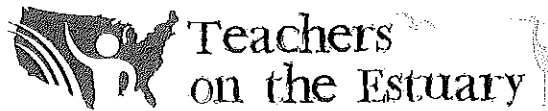
Where fresh water meet salt water

✓ 2) What is one reason why estuary plants are important?

protects from erosion

✓ 3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

its food



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where fresh water meets salt water

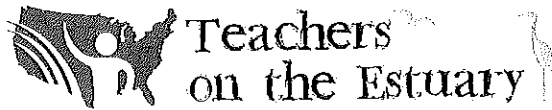
2) What is one reason why estuary plants are important?

✓ protects the habitat

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X there is not enough fresh water in the estuary

Ridge Valdez



TOTE STUDENT EVALUATION

1) What is an estuary?

+ Mexico water

2) What is one reason why estuary plants are important?

+ If water they help use sun

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

+ hot water when you have it.

TOTE STUDENT EVALUATION

1) What is an estuary?

Fresh water

2) What is one reason why estuary plants are important?

they give us fresh water

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

no pollution so we can keep our
water safe

Ale V 4

TOTE STUDENT EVALUATION

1) What is an estuary?

X fresh water meet

2) What is one reason why estuary plants are important?

✓ because the produces
oxygen

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ don't litter



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Fresh water mixed with salt water

2) What is one reason why estuary plants are important?

?
X They absorb pollutants

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Stop Throwing Trash Because it flows to the Ocean



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ fresh water & salt water mix

2) What is one reason why estuary plants are important?

✓ protects land from erosion

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ stay away from

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When fresh water meets salt water

2) What is one reason why estuary plants are important?

✓ ~~keeps and protects~~
protects from erosion

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X reestablish the water

Chris

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Fresh water mixes with salt water

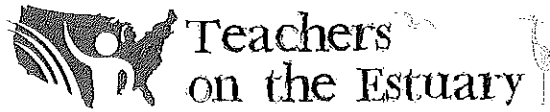
✓ 2) What is one reason why estuary plants are important?

It protects against erosion

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

There is not enough fresh water for
upstream

Kassidie
Moya



5th
grade

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It is a mixture of freshwater and saltwater

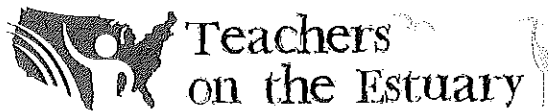
2) What is one reason why estuary plants are important?

It is important because it help build structure.

ok

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X If there is too much freshwater there is not going to be enough saltwater.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ fresh water meets salt water

2) What is one reason why estuary plants are important?

It is a habitat

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

will be no fresh water

TOTE STUDENT EVALUATION

1) What is an estuary?

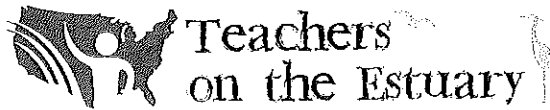
✓ It is a mixture of water

2) What is one reason why estuary plants are important?

X Because noise from us and animals

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X If you have too much fresh water
there is not enough water to be
freshwater.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Freshwater meets saltwater

2) What is one reason why estuary plants are important?

✓ feed protects habitat

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

X because we can't be enough

TOTE STUDENT EVALUATION

1) What is an estuary?

X The water on the earth

2) What is one reason why estuary plants are important?

✓ Because we have to have the
oxygen and carbon dioxide cycle

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ I could help by picking up
trash

TOTE STUDENT EVALUATION

1) What is an estuary?

X An estuary is a place where
plants live and by two bays.

2) What is one reason why estuary plants are important?

X To keep the salt in.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ By using less water

TOTE STUDENT EVALUATION

Erin

1) What is an estuary?

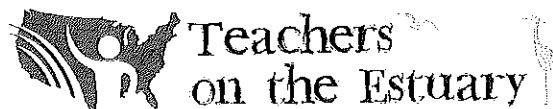
X They protect organisms

2) What is one reason why estuary plants are important?

ok Move & move organisms
because of the organisms
not being protected

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ Do not litter and pick
up trash



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Is salt water and fresh water
are somehow mixed.

2) What is one reason why estuary plants are important?

X They stop water from flowing
over shore.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ We can clean up our environment
so it does not go in the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

A place where seagrass is to protect animals.

2) What is one reason why estuary plants are important?

They protect young fish, and other animals from being eaten.

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

Make sure to cut up plastic for fish, and get trash in trash cans, and not in the oceans.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a mixture of salt & fresh water

2) What is one reason why estuary plants are important?

✗ they help keep things steady and in line

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✓ not litter
it goes into ground water then into rivers

Jasmine L



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where fresh water and salt water meet

2) What is one reason why estuary plants are important?

✓ Protects the habitat.

Protects against erosion

3) Describe one thing that people who live upstream from estuaries can do to help keep estuaries healthy:

✗ If you have too much water there's not going to be enough water



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It's where fresh ^{water} ~~water~~ meet salt water

2) What is one reason that estuaries are important?

✓ Baby fish Baby crabs Baby oysters

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Save water and take shorter showers

TOTE STUDENT EVALUATION

1) What is an estuary?

X Where fresh water meets.

2) What is one reason that estuaries are important?

✓ Grabs, Fish, Jelly Fish

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up things and trash along the

TOTE STUDENT EVALUATION

1) What is an estuary?

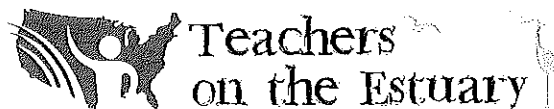
Nursery

2) What is one reason that estuaries are important?

They help the animals live in a
clean place. they help the ocean
with the salt and fresh water.
they help with the pollution

3) Describe one thing that people can do to help keep our estuaries healthy:

Pick up trash off the ground
do not pollute. do not take stuff
from the ocean



TOTE STUDENT EVALUATION

1) What is an estuary?

X the river

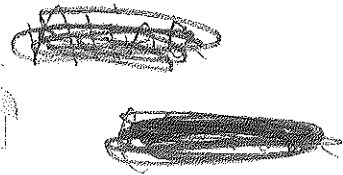
2) What is one reason that estuaries are important?

X plant give them animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ use less water





TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When Fresh water meets saltwater

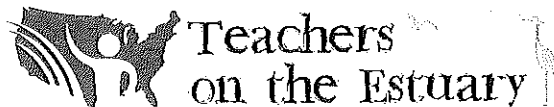
2) What is one reason that estuaries are important?

✗ they are important to us
and other living animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ to conserve water





TOTE STUDENT EVALUATION

1) What is an estuary?

Where the Fresh water meets
the salt water.

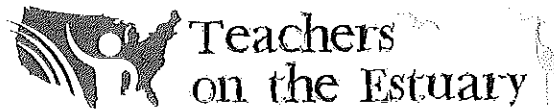
2) What is one reason that estuaries are important?

It is Important to Animal
and plant life.

3) Describe one thing that people can do to help keep our estuaries healthy:

Water your plants either with
Fresh water Or salt water





TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A estuary is a fresh water that
meets saltwater.

2) What is one reason that estuaries are important?

✗ they are important to us
because it is not ingreed

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Conserve water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Nursery for fish, and where salt water
and freshwater mix

2) What is one reason that estuaries are important?

+ they take care of phytoplankton

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't litter in them

Jesse
Castillo

TOTE STUDENT EVALUATION

1) What is an estuary?

+ A estuary is a nursery for animals
in the fish

2) What is one reason that estuaries are important?

✓ they help fish hide from predators

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Conserve water, Don't litter,

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A Body of sea water and
Fresh water with marine life.

2) What is one reason that estuaries are important?

✓ Supports or is home to marine
life or is there habitat to
stay SAFE.

3) Describe one thing that people can do to help keep our estuaries healthy:

X To Not Use the restroom

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A nursery for fish. (when salt water and fresh water meet.)

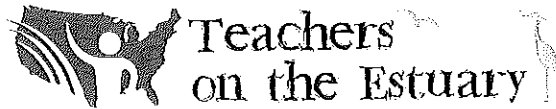
2) What is one reason that estuaries are important?

+ because without estuaries there is no way we will survive.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ no pesticides, littering, etc. using.

Kaylee Puentes



TOTE STUDENT EVALUATION

1) What is an estuary?

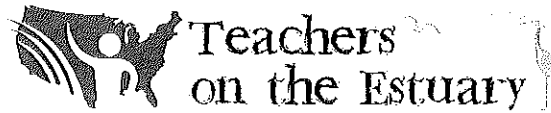
+ An estuary is a type of for marine animals.

2) What is one reason that estuaries are important?

✓ They help most of the animals that need to live there.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Do not throw trash in the rivers or lakes.



TOTE STUDENT EVALUATION

1) What is an estuary?

+ A nursery of fish

2) What is one reason that estuaries are important?

✓ Because animals live in the oceans and ponds.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not pollute in water or water areas.

TOTE STUDENT EVALUATION

1) What is an estuary?

+ A nursery for small fish

2) What is one reason that estuaries are important?

✓ to protect the fish and other animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ pick up trash don't use as much fertilizer



Teachers
on the Estuary

TOTE STUDENT EVALUATION

Alan

1) What is an estuary?

X A nursery for fish.

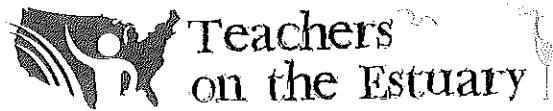
2) What is one reason that estuaries are important?

✓ To help the animals and there habitats.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ They can pick up there trash so it won't hurt the organisms.





TOTE STUDENT EVALUATION

1) What is an estuary?

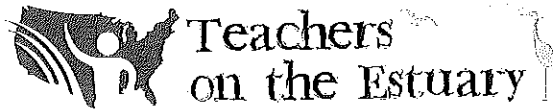
+ A nursery

2) What is one reason that estuaries are important?

✓ for fish

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ no littering



Teachers
on the Estuary

Graceley Vera ♥

TOTE STUDENT EVALUATION

4/30/15

1) What is an estuary?

+ Where fresh water meets.

2) What is one reason that estuaries are important?

✓ Nursery for baby crabs, or baby shrimp, and turtles or just baby animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ pick up trash or don't throw trash.



TOTE STUDENT EVALUATION

1) What is an estuary?

X a Nersury of fish

2) What is one reason that estuaries are important?

✓ because of the animals that live here

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ clean up and keep the area clean,

TOTE STUDENT EVALUATION

1) What is an estuary?

+ a nursery for fish

2) What is one reason that estuaries are important?

✓ They are important because they provide a home for fish to breed and baby fish and other marine animals to grow

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ not put oil & trash make sure trash get in the trash can

TOTE STUDENT EVALUATION

1) What is an estuary?

X An estuary is a nursery for fish.

2) What is one reason that estuaries are important?

X Estuaries are important because
they keep our plants safe

3) Describe one thing that people can do to help keep our estuaries healthy:

OK Stop fishing & stop polluting our
environment.

TOTE STUDENT EVALUATION

1) What is an estuary?

X Nursery, harbor

2) What is one reason that estuaries are important?

✓ It's an environment and a Sanctuary.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ No littering.

Michael
Vara

TOTE STUDENT EVALUATION

1) What is an estuary?

X A nursery for marine life.

2) What is one reason that estuaries are important?

✓ They provide a shelter for animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can pick up any trash that they see.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An nursery for sea life and where fresh water
and salt water meet

2) What is one reason that estuaries are important?

✓ It is a nursery for most sea life

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Stop littering and pick up trash

TOTE STUDENT EVALUATION

1) What is an estuary?

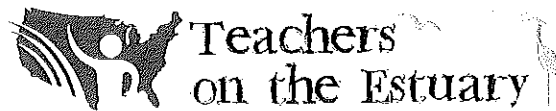
✓ A nursery for sea life and where
the fresh water meets saltwater.

2) What is one reason that estuaries are important?

✓ It's a nursery for most sea life

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ They can stop littering and pick
up trash.



TOTE STUDENT EVALUATION

1) What is an estuary?

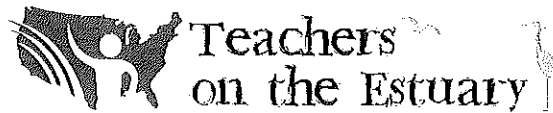
✓ When fresh water meets salt water

2) What is one reason that estuaries are important?

✓ nursery of fish

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ no littering



TOTE STUDENT EVALUATION

1) What is an estuary?

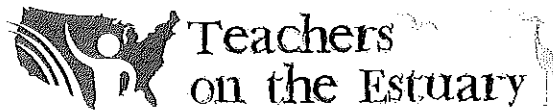
✓ It's when fresh water meets in the salt water.

2) What is one reason that estuaries are important?

✓ It has fish, jelly fish, blue crabs, hermit crabs, and that's where these animals live.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Take shorter showers and don't pollute.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It were two thing that Mix
to gether.

2) What is one reason that estuaries are important?

✓ It has fish, Jelly fish,
krabs

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Close the the water
wher brushing teeth

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt and fresh water meet

2) What is one reason that estuaries are important?

✓ it's an NESTY

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't Litter

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is when salt water and fresh water meet
n mix.

2) What is one reason that estuaries are important?

✓ It is a nursery to fish and other sea
creatures

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can conserve water and no polluting
in the ocean, sea, lake, and river. Also by not
overfish.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where the freshwater and
saltwater meet

2) What is one reason that estuaries are important?

✓ for fish to live
and clams

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ stop wasting water, no
more polluting, also no
dumping oil or chemical
waste

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A community and where fresh
water and salt water mix

2) What is one reason that estuaries are important?

✓ It gives a place for animals
to live.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Conserving water and not
littering

TOTE STUDENT EVALUATION

1) What is an estuary?

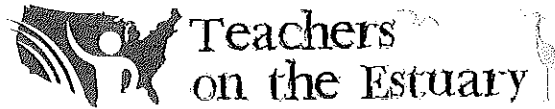
✓ where salt water and
fresh water meet.

2) What is one reason that estuaries are important?

✓ it's a safe place for
fish to live

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Do not litter



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ its where fresh water and salt water meet

2) What is one reason that estuaries are important?

✓ they are ~~not~~ nurseries for animals in the water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ if they can ~~not~~ use less water for showers and cleaning dishes.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ freshwater and saltwater
meet.

2) What is one reason that estuaries are important?

✓ Marine life nursery.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ polluting, water usage.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where fresh water & salt water
meet.

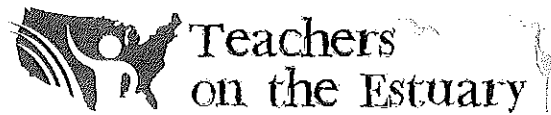
2) What is one reason that estuaries are important?

✓ there a nursery to fish

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ to conserve water & stop
polluting

nursery



Heaven
Flores

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where fresh water and salt water meet

2) What is one reason that estuaries are important?

✓ They are a nursery to marine life

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Conserve water and stop polluting

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where fresh
water meets salt water.

2) What is one reason that estuaries are important?

✓ They give a nursery to the local
plants and animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not to litter because it
harms the local animals
and plants.



Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where fresh water meets salt water.

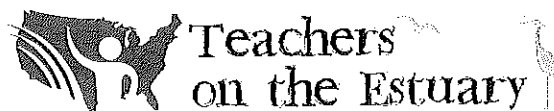
2) What is one reason that estuaries are important?

✓ They give a nursery to the local plants and animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not to litter because it harms the local animals and plants.





TOTE STUDENT EVALUATION

1) What is an estuary?

✓ an estuary is where fresh water meets salt water and a nursery

2) What is one reason that estuaries are important?

✓ They are a nursery to the fish.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't litter so animals will be safe.

TOTE STUDENT EVALUATION

1) What is an estuary?

An estuary is where fresh water
meets salt water.

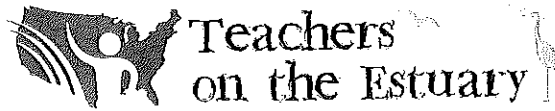
2) What is one reason that estuaries are important?

They give a nursery to the local
plants and animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

not to litter in our estuary.

Randy
Wallace



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ The combination of
fresh water and salt water.
(a fancy word for it is "Brackish")

2) What is one reason that estuaries are important?

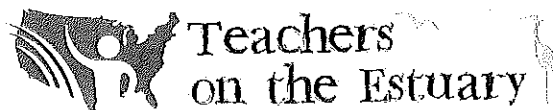
✓ because, the plants that
are under the sea provide
us oxygen too, we could
kill our beloved seafood.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Less usage of water, water
your plants the water that
they need, pick up trash
at your local beach or
shoreline of such kind,

Keep your own outside of your
house
trash
free.

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TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where the ocean and river meet.

2) What is one reason that estuaries are important?

✓ Nursery for little animals that live in the oceans.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ people can pick up their trash when their finished with it.

TOTE STUDENT EVALUATION

1) What is an estuary?

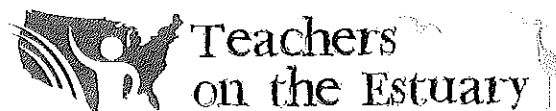
Where the a river meets an ocean.

2) What is one reason that estuaries are important?

A estuarie are important for sea animals because it is there home.

3) Describe one thing that people can do to help keep our estuaries healthy:

Don't liter and give your plants the right amount of water



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where salt and fresh water meet

2) What is one reason that estuaries are important?

✓ because they are the nurseries of the sea

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ tear off the brown parts of a plant, don't litter



TOTE STUDENT EVALUATION

1) What is an estuary?

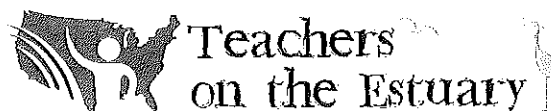
A Place where the saltwater and freshwater meet.

2) What is one reason that estuaries are important?

There is animals that live in water and they need oxygen.

3) Describe one thing that people can do to help keep our estuaries healthy:

People can help by not using so much water.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ an estuary is when fresh water
and salt water

2) What is one reason that estuaries are important?

✓ the are important to other animals
and species

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ clean the lakes don't throw
trash in water



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ it is when a place where the
river meets the sea

2) What is one reason that estuaries are important?

✓ important To Plants and Animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ To conserve water



TOTE STUDENT EVALUATION

1) What is an estuary?

(fresh water)

✓ it is a place where the river meets
the sea, and a nursery
(salt water)

2) What is one reason that estuaries are important?

✓ it is important because it is a
habitat for animals who live in
areas with less salt.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't use too much pesticide

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is when a river and the Ocean (sea) meet.

2) What is one reason that estuaries are important?

✓ An estuary is important because some animals need less salt & Animals & plants live here.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can keep an estuary healthy by cleaning after themselves or pick up trash.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ it is where a river and ocean meet.
When salt water meets fresh water

2) What is one reason that estuaries are important?

✓ because if there's too much salt or a little bit
of salt fish will die

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ keep the river and ocean clean. don't take
a long shower in the shower

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where freshwater and salt water meet like a river and ocean.

2) What is one reason that estuaries are important?

✓ That it helps plants and animals survive in the ocean and some need different amounts of salt.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up trash on the beach and make sure you don't leave any trash.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ when ~~water~~ ^{fresh water} and salt water
met

2) What is one reason that estuaries are important?

✓ when some plants need less salt and
some need more

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ do not put trash in the water

TOTE STUDENT EVALUATION

1) What is an estuary?

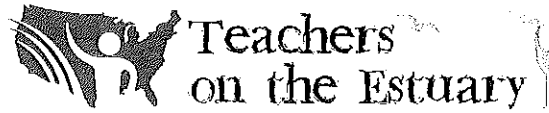
✓ estuary is a fresh water
and saltwater mixed

2) What is one reason that estuaries are important?

the help of plants

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ to not throw trash



TOTE STUDENT EVALUATION

1) What is an estuary?

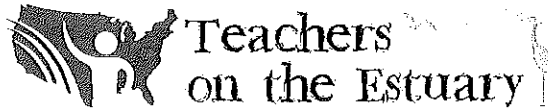
An estuary is a where freshwater and salt water meet.

2) What is one reason that estuaries are important?

Well there are many reasons but it is important because of the habitat for under water animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

Well you can use less water at your house and recycle.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ An estuary is where saltwater and fresh water meet.

2) What is one reason that estuaries are important?

✓ they are important because some sea animals need less salt.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Use less water don't pollute.



Clarissa C.



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where the River meets the Ocean &
Fresh water & the Salt water.

2) What is one reason that estuaries are important?

✓ To Help all kinds of Animals
& especially the cranes.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't Litter



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When the river meets the sea/ocean

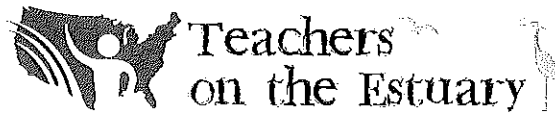
2) What is one reason that estuaries are important?

✓ Estuaries help animals and plant life

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ help cleaning the sea/ocean

Joel
miller



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a river and the ocean meeting together

2) What is one reason that estuaries are important?

✓ so it can help the animals and plant life

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't leave trash on the beach



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When fresh water meets with salt water and intersect with each other.

2) What is one reason that estuaries are important?

✓ One reason estuaries are important is because some animals need more salt than others, and some may just live in fresh water. They also are important for plants.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not use so much water. Not litter or put so much trash out in the open where they can get to open oceans. Also don't use Pesticides / herbicides.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where the oceans and rivers meet.

2) What is one reason that estuaries are important?

✓ Nursery for animals that live in the ocean.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can pick up their trash when they finished with it.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where a River meets an ocean.

2) What is one reason that estuaries are important?

✓ plants and animals live there
and need to survive.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Do not Dirty the water
and pollute the estuary

~~Rafael~~ Rafael
TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

fresh ~~water~~ water and
salt ~~water~~ water meet

✓ 2) What is one reason that estuaries are important?

to keep plants
and animal alive

✓ 3) Describe one thing that people can do to help keep our estuaries healthy:

no pollution

TOTE STUDENT EVALUATION

1) What is an estuary?

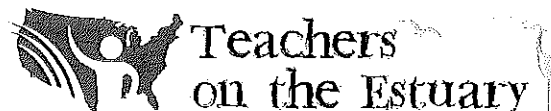
✓ An estuary is a point where a river and an ocean meet.

2) What is one reason that estuaries are important?

✓ Because it gives many animals homes and feed.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't use pesticides, insecticide, don't throw trash in the water and keep the water clean



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where the ocean and river meet.

2) What is one reason that estuaries are important?

✓ nursery for the little sea animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can pick up their trash when there finished with it.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Ocean and River Will meet

2) What is one reason that estuaries are important?

✓ Nursery for sea animals like crabs

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Pick up trash Clean the water
if it has trash or water bottles

David Morris

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where rivers meet the
see

2) Why are estuaries important?

✓ food for fish, birds, and
other plants and animals

3) What is one thing that people can do to help keep our estuaries healthy?

✓ use less water like taking
a 5 min. shower and brush your
teeth without the water on

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where animals live.

2) Why are estuaries important?

✓ Because it's a place where animals live.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ By not throwing trash in the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When freshwater fresh water and salted
water mixed

2) Why are estuaries important?

X there important they keep them live

3) What is one thing that people can do to help keep our estuaries healthy?

X keep every nice so the animals
can live

TOTE STUDENT EVALUATION

1) What is an estuary?

a place where fish/animals
live.

2) Why are estuaries important?

because some give us oxygen
some are food.

3) What is one thing that people can do to help keep our estuaries healthy?

help clean beach.

TOTE STUDENT EVALUATION

1) What is an estuary?

X An important place where sea animals
live.

2) Why are estuaries important?

X They are important because it help the
ocean and plants.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Keeping the ocean clean and helping
sea animals around the lakes river
ocean.



TOTE STUDENT EVALUATION

1) What is an estuary?

X Where animals live, Fish, Mammals.

2) Why are estuaries important?

X so that we can live and animals

3) What is one thing that people can do to help keep our estuaries healthy?

✓ to not litter and clean the beach



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When water and salt water meet.

2) Why are estuaries important?

X to help keep the water clean and healthy for the animals around us.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Stop throwing trash into the water, go boating less, and think before going near the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

X

I don't know

2) Why are estuaries important?

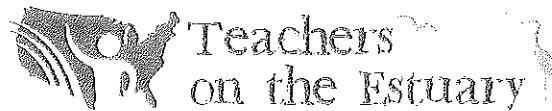
X

grass lands

3) What is one thing that people can do to help keep our estuaries healthy?

✓

Put stuff in trash



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When fresh water and salt water meet

2) Why are estuaries important?

✗ They supply life

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Conserve water



TOTE STUDENT EVALUATION

1) What is an estuary?

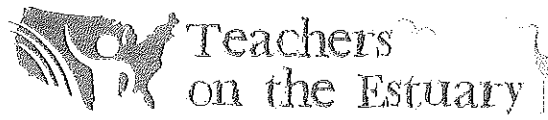
X is to nres baby fish

2) Why are estuaries important?

✓ for nesity

3) What is one thing that people can do to help keep our estuaries healthy?

✓ to keep estuaries healthy is
to turn off the water when
you brush your teeth



TOTE STUDENT EVALUATION

1) What is an estuary?

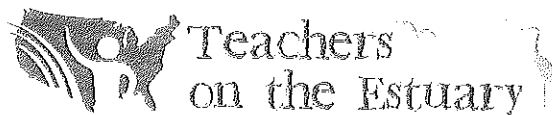
What River also means that are
Deltas

2) Why are estuaries important?

RIVERS

3) What is one thing that people can do to help keep our estuaries healthy?

How fight back that be p d not
need



TOTE STUDENT EVALUATION

1) What is an estuary?

X A nursery for plants and sea life.

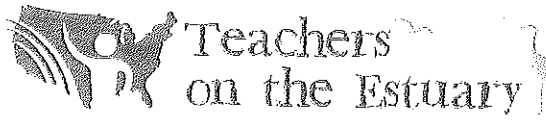
2) Why are estuaries important?

✓ Estuaries are important for us and sea life. It helps a lot of animals to live. Without it there would be no red fish.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Do not throw trash into the water. KEEP IT SAFE!

Marissa
Acosta



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where rivers meet the seas.

2) Why are estuaries important?

X because they bring us our water and sometimes the water is fresh.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Clean the sea so the animal won't eat it.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where river meet the sea

2) Why are estuaries important?

I Don't Remember
✗

3) What is one thing that people can do to help keep our estuaries healthy?

✓ ~~I Don't~~ Stop littering
in water.

Jose Kamirez



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where rivers and oceans
meet.

2) Why are estuaries important?

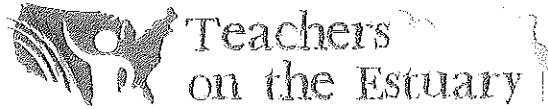
x so theres not to much fresh
water or salty.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Dont use to much water
like short shower turn the water
off when brushing teeth



Joseph



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

rivers that meet the
Sea.

✗ 2) Why are estuaries important?

I don't know?

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

Don't pollute water, save water.

TOTE STUDENT EVALUATION

1) What is an estuary?

+ A place where animals live.

2) Why are estuaries important?

✓ Because it's a place where animals live and they can survive.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ By NO Throwing Trash in the Ocean.



TOTE STUDENT EVALUATION

1) What is an estuary?

~~It's where~~ It's where ~~the~~ animals
meet or they nurse their young.

2) Why are estuaries important?

Because youngs sleep there and get
nurse there.

3) What is one thing that people can do to help keep our estuaries healthy?

No plastic or glass in the ocean.



Phaeryn



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

x A body of water that is a habitat
to many animals.

2) Why are estuaries important?

✓ They help fish and plankton ^{by} ~~water~~
providing shelter. Also, it is a nursery for
fish & a lot more animals.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ People can stop polluting and littering
because everything eventually ends up in the
ocean somehow. You can also use water
a lot less.



TOTE STUDENT EVALUATION

1) What is an estuary?

+ When rivers meet together

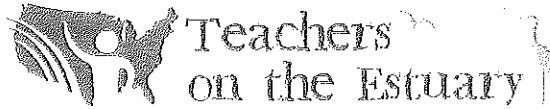
2) Why are estuaries important?

✓ They provide food for animals and
themselves too

3) What is one thing that people can do to help keep our estuaries healthy?

✓ to keep trash out of the water

Lyla Perez



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a Nursery for the sea and salt water and Pere water.

2) Why are estuaries important?

✓ It is the nursery of the sea. So when baby fish hatch they go to the estuaries because there is seaweed so they could hide in the seaweed from predators.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ They could keep the water clean and healthy, don't cut down the seaweed and never destroy the seaweed so fish will be happy and old also clean.

marabla

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ its where salt water and rivers meet together

2) Why are estuaries important?

• they are nursery

• homes

✓ • food plants

• help animals hide from prey

3) What is one thing that people can do to help keep our estuaries healthy?

✓ pick up the trash and keep beaches
clean.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a place where salt and water meet
and where animals live

2) Why are estuaries important?

ok it's where fish can lay their eggs,
the water pushes the eggs until it reaches
another area where the fish are able to
live and lay their eggs there and the
eggs will flow on to another area.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ they can cut down the use of
water, 5 minute showers turn off water when not in
use, don't use too much water into the same
area then let the other side.



M.A.

TOTE STUDENT EVALUATION

1) What is an estuary?

on When salt water and clear water
mix

2) Why are estuaries important?

on food for fish so that is why
we have fish today.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ cut out when you brush your
teeth or take 5 min. shower

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where rivers meet the ocean.

2) Why are estuaries important?

✓ They are "nurseries of the sea".
They are home to baby sea life.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Conserve water, etc...

TOTE STUDENT EVALUATION

1) What is an estuary?

it's where rivers meet the sea

2) Why are estuaries important?

it is where a nursery is for little fishes
to grow. It is also where sea grass
is made to produce oxygen.

3) What is one thing that people can do to help keep our estuaries healthy?

cut back on fresh water.

TOTE STUDENT EVALUATION

1) What is an estuary?

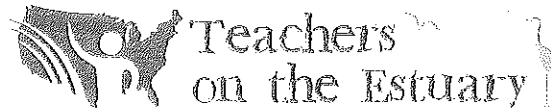
✓ where rivers meet the sea

2) Why are estuaries important?

✓ Estuaries are important because it helps us to get more and less salt and helps the animals in the environment.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ One thing that people can do to help keep our estuaries healthy by using less water to keep our water not that salty.



TOTE STUDENT EVALUATION

1) What is an estuary?

OK A estuary is where water
from different places meet.

2) Why are estuaries important?

✓ That is were animals live
and where they get water
and food.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Reduce the consuming
of water

TOTE STUDENT EVALUATION

Lilliana
Monreal

1) What is an estuary?

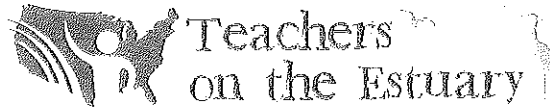
✓ Where rivers meet the sea.

2) Why are estuaries important?

✓ Because it has many organisms and plant life if we didn't have a estuarie many things that live there maybe wouldn't exist right now.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Cut down the use of water that would make a big impact.



TOTE STUDENT EVALUATION

1) What is an estuary?

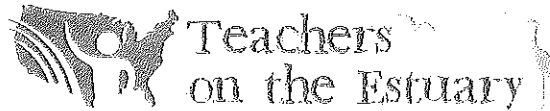
✓ An estuary is where rivers meet
the sea

2) Why are estuaries important?

✓ Many animals have a habitat there
and there's food and plants

3) What is one thing that people can do to help keep our estuaries healthy?

✓ People can conserve water
using less and saving it will
help



TOTE STUDENT EVALUATION

1) What is an estuary?

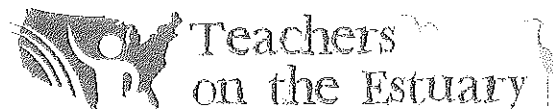
✓ An estuary is where rivers meet the sea.

2) Why are estuaries important?

✓ Estuaries are important because many animals live there.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ People can use less water and people can also put their trash in a trash can.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where rivers meet the sea

2) Why are estuaries important?

✓ because it has many organisms and plant life

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Conserve water

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

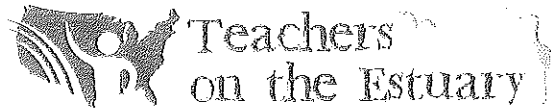
its ocean and river
water

✓ 2) Why are estuaries important?

they are nurseries

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

no litter



TOTE STUDENT EVALUATION

1) What is an estuary?

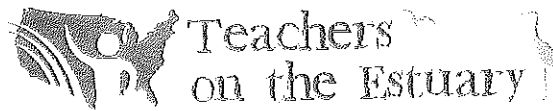
✓ Where rivers or streams
meet an ocean

2) Why are estuaries important?

✓ they protect fish

3) What is one thing that people can do to help keep our estuaries healthy?

✓ do not pollute



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Freshwater, sea water, salt water

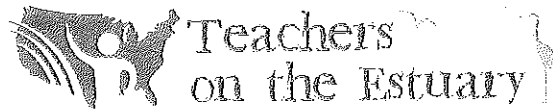
2) Why are estuaries important?

✓ they're nurseries

3) What is one thing that people can do to help keep our estuaries healthy?

✓ stop throwing trash

quit littering



TOTE STUDENT EVALUATION

1) What is an estuary?

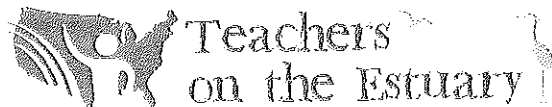
✓ Freshwater + Saltwater = Estuary / brackish

2) Why are estuaries important?

✓ They're nurseries

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Use less water / less polluting



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ is where salt and non-salt water meet

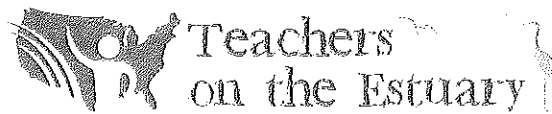
2) Why are estuaries important?

✓ They have fish that we eat and lots of seagrass that gives off oxygen

3) What is one thing that people can do to help keep our estuaries healthy?

✓ conserve fresh water, not catch too much fish





TOTE STUDENT EVALUATION

1) What is an estuary?

✓ half fresh water half salt water

2) Why are estuaries important?

✓ it's the nursery of the sea

3) What is one thing that people can do to help keep our estuaries healthy?

✓ conserve water



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where freshwater and salt water mix

2) Why are estuaries important?

✓ they are nurseries for animals

3) What is one thing that people can do to help keep our estuaries healthy?

✓ conserve water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When salt water and Fresh water
meet

2) Why are estuaries important?

✓ So plants and animals will continue
to live there

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Conserve water and get the
ocean clean

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When fresh water and salt water mixed

2) Why are estuaries important?

✓ Help animals in sea

3) What is one thing that people can do to help keep our estuaries healthy?

✓ conser water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where fresh water and
salt water meet.

2) Why are estuaries important?

✓ Good habitat for fisher
to lay eggs and for babies
to hide.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Keep it clean and pick
up trash in the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Salt water & fresh water meet

2) Why are estuaries important?

✓ Because they are the nurseries
of the sea

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Not drive ~~they~~ their motor
boats in shallow waters.No pollution. No digging up
plants.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

An Estuary is a place where Salt water
and fresh water meet or mix.

✓ 2) Why are estuaries important?

It can keep its organisms safe.

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

We can not pollute or damage the areas.

TOTE STUDENT EVALUATION

1) What is an estuary?

A place that has freshwater
and saltwater.

2) Why are estuaries important?

They keep our endangered fish.

3) What is one thing that people can do to help keep our estuaries healthy?

To stop polluting in the
water.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where sea and fresh water
meet.

2) Why are estuaries important?

So marine animals have babies.

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

Stop polluting water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where salt water and fresh
water meet

2) Why are estuaries important?

✓ for fishes to adapt

3) What is one thing that people can do to help keep our estuaries healthy?

✓ stop polluting the water
for the fishes

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Where salt water & fresh water meet

✓ 2) Why are estuaries important?

BECAUSE they have more plants
and animals.

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

Do Not Put oil in
the water!

TOTE STUDENT EVALUATION

1) What is an estuary?

Salt & Fresh water

2) Why are estuaries important?

To keep animals that need water and salt and not
make animals get extinct

3) What is one thing that people can do to help keep our estuaries healthy?

Never pollution in the water and we can keep
Fish and other healthy

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When fresh water and salt
water merge.

✓ 2) Why are estuaries important?

When shrimp, crab, and other
animals have little baby have
eggs and don't go extinct.

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

Do not do pollution in
the ocean.

TOTE STUDENT EVALUATION

1) What is an estuary?

when salt water and fresh water
mix.

2) Why are estuaries important?

where shrimp, crabs, and certain fish
have babies.

3) What is one thing that people can do to help keep our estuaries healthy?

Do not pollute the ocean or water
or harm animals.

Xavier



Teachers
on the Estuary

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Saltwater and Freshwater

2) Why are estuaries important?

✓ Good habbiat for Fishes to
lay eggs for baby to lives.

3) What is one thing that people can do to help keep our estuaries healthy?

OK Keep Oil.



TOTE STUDENT EVALUATION

1) What is an estuary?

an estuary is where Fresh water and
salt water meet.

2) Why are estuaries important?

they are important because it's a good
habitat for eggs and for babies hide

3) What is one thing that people can do to help keep our estuaries healthy?

Don't put oil or other things in
the water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ because some animals need
both fresh ^{water} and salt water.

2) Why are estuaries important?

✓ Because some animals need both
fresh water and salt water.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ To stop driving and polluting
the path

TOTE STUDENT EVALUATION

1) What is an estuary?

It is a place where fresh water
and saltwater meet.

2) Why are estuaries important?

They help the plants and
animals in the sea. Like: hiding
spots, habitats, breeding ground, and
protection.

3) What is one thing that people can do to help keep our estuaries healthy?

help: no pollution, don't put
pesticides in the water, no
chemicals in the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Fresh and salt water mixing

2) Why are estuaries important?

✓ for the ~~other~~ animals
because so need fresh and
some need salt

3) What is one thing that people can do to help keep our estuaries healthy?

✓ don't dump stuff in the water
don't have the bottom
of the boat run.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

How much salt and
fresh water there is

2) What is one reason that estuaries are important?

Fish and living things

✓ 3) Describe one thing that people can do to help keep our estuaries healthy:

No litter

TOTE STUDENT EVALUATION

1) What is an estuary?

when salt water and fresh
water meet.

2) What is one reason that estuaries are important?

It's important to animals and
plants.

3) Describe one thing that people can do to help keep our estuaries healthy:

Don't pollute the water



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

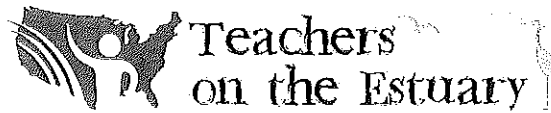
When ~~the~~ fresh water and salt
water mix.

✓ 2) What is one reason that estuaries are important?

They give us the fish we
like.

✓ 3) Describe one thing that people can do to help keep our estuaries healthy:

Do not litter in the estuaries
to keep things alive.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where salt and fresh water meet

2) What is one reason that estuaries are important?

✓ To help the plants with photosynthesis.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't ~~throw~~ dump trash in the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

a mix of 20 waters: salt + and fresh

2) What is one reason that estuaries are important?

to help animal

3) Describe one thing that people can do to help keep our estuaries healthy:

not litter in water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When salt water and fresh
water is combined

2) What is one reason that estuaries are important?

✓ because the animals
that live ~~on the~~ in the
water can live

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not litter nor throw
stuff in the water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ salt water & fresh water
to gether

2) What is one reason that estuaries are important?

✓ ~~plants need the~~
the plants

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ no throw stuff in the ocean

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ it is fresh water and salt water
mixed

2) What is one reason that estuaries are important?

✓ because some fish live in that
kind of water

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Do not throw trash in water

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

salt and clean water and plants

2) What is one reason that estuaries are important?

They have fish for us and plants
for fish.

3) Describe one thing that people can do to help keep our estuaries healthy:

Don't litter & don't harm.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ a place where to waters meet.

2) What is one reason that estuaries are important?

✓ The oysters.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ not pull up the plants

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ where fresh water and salt
water meet

2) What is one reason that estuaries are important?

✓ It makes oxygen for
people and animals.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ People can stop littering
and no pollution

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ salt and fresh water mixed

2) Why are estuaries important?

✓ It's important for baby animals.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ not to throw trash in there



TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

Fresh water and salt water are
mixed up.

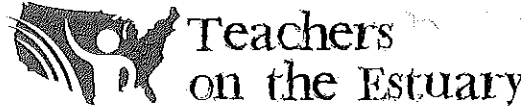
✓ 2) Why are estuaries important?

for the baby animal to live safely

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

Pick up your trash

Awesome



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A thing salt water and fresh water mix.

2) Why are estuaries important?

✓ Where baby fish start their lives.

3) What is one thing that people can do to help keep our estuaries healthy?

No pollution

Clean up

✓ Pick up pets "buisness".

TOTE STUDENT EVALUATION

1) What is an estuary?

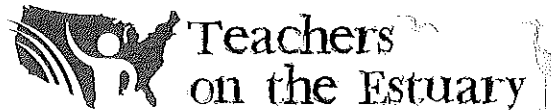
✓ A salt and fresh water

2) Why are estuaries important?

✓ They help animals and plants live!

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Clean / if u see a bag in the water pick it up and throw it in the trash can.



TOTE STUDENT EVALUATION

1) What is an estuary?

Salt and Fresh water mix together.

2) Why are estuaries important?

Because they help animals and plants live.

3) What is one thing that people can do to help keep our estuaries healthy?

They could stop throwing stuffs on the floor. Pick up some things on the floor. Stop pollution.



TOTE STUDENT EVALUATION

1) What is an estuary?

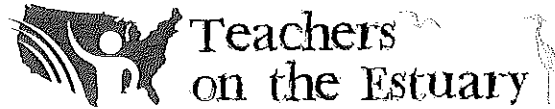
✓ ~~then~~ when fresh and salt
water meet.

2) Why are estuaries important?

✓ It is a nursery for
baby animals and it
is where the animals grow up.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Clean up after there
dogs or themselves.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A place where salt and fresh water are combined.

2) Why are estuaries important?

✓ Because Baby animal live in a estuaries.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Keep our water protected and need to stop polluting

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A mix of salt and fresh water

2) Why are estuaries important?

✓ cause babies live here

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Stop pollution

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

A thing where Salt water
meets with fresh water.

✓ 2) Why are estuaries important?

They help baby fishes live
and its a nursery for fish.

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

Stop Polluting water!

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water and fresh water
mix.

2) Why are estuaries important?

✓ lots of baby animals like to
live there.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Don't throw your trash in
the water.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A mixture of fresh and
salt water.

2) Why are estuaries important?

✓ Many sea animals began
life at a estuary.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Do Polluting Pick up
trash or each others

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ A salt and fresh water
ocean.

2) Why are estuaries important?

✓ Baby animals live there.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Clean up pollution.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When fresh water a salt
water mix.

2) Why are estuaries important?

✓ So that baby animals can
live in a safe place and
for the baby animals to grow
up.

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Clean up pollution.

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ Where salt water and fresh
water mix

2) Why are estuaries important?

✓ so you can help animals habitat
clean

3) What is one thing that people can do to help keep our estuaries healthy?

✓ stop pollution and litter

TOTE STUDENT EVALUATION

1) What is an estuary?

When fresh water and salt
water mix.

2) Why are estuaries important?

So that baby animals can
live in its safe home and
the baby animals can grow
up and become adults.

3) What is one thing that people can do to help keep our estuaries healthy?

Pick up dog's poop and trash
and don't litter.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

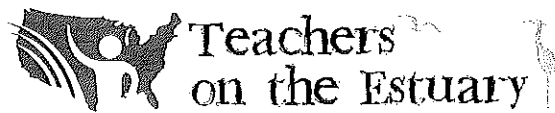
When fresh and salt water
meet.

2) Why are estuaries important?

It's a nursery for baby animals
to grow up

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

People can pick up dog's poop



TOTE STUDENT EVALUATION

1) What is an estuary?

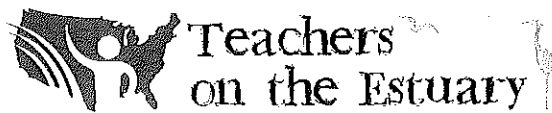
A place that mixes salt and fresh water in.

2) Why are estuaries important?

for the fish life that live there shrimp, jellyfish, ~~oaty~~ baby fish ~~and~~ and other living things

3) What is one thing that people can do to help keep our estuaries healthy?

throw trash away, don't get a lot of fish keep water clean



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When salt water and fresh water meet

2) Why are estuaries important?

✓ Its important for baby animals and little animals

3) What is one thing that people can do to help keep our estuaries healthy?

✓ Clear pollution, clean up, pick up after our dogs.

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

When fresh water and
salt water mix.

✓ 2) Why are estuaries important?

So that baby animals can live
in a safe place.

✓ 3) What is one thing that people can do to help keep our estuaries healthy?

They can clean up there
animals poop

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ When ~~water~~ fresh water and salt mix.

2) Why are estuaries important?

✓ This environment because it give us food and
kind of protects the animals.

3) What is one thing that people can do to help keep our estuaries healthy?

X We can build a special place to keep them
safe.

TOTE STUDENT EVALUATION

1) What is an estuary?

An estuary is a nursery for
these animals

2) Why are estuaries important?

Because they help the animals
and they feed us.

3) What is one thing that people can do to help keep our estuaries healthy?

keeping cleaning up the beach to keep the
animals healthy,

TOTE STUDENT EVALUATION

1) What is an estuary?

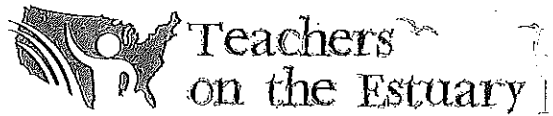
Two body of water meet.

2) Why are estuaries important?

because it have life
in it and use it the
cracker

3) What is one thing that people can do to help keep our estuaries healthy?

to eat less food.



TOTE STUDENT EVALUATION

1) What is an estuary?

✓ two kind of water

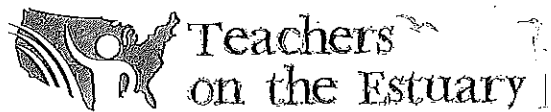
2) What is one reason that estuaries are important?

X to plant our plant and get oxygen

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ not litter and keep environment clean





TOTE STUDENT EVALUATION

1) What is an estuary?

X A estuary is a place were you find animals.

2) What is one reason that estuaries are important?

X They teach about fresh water and salt water.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ don't throw things into the water

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ It is Fresh water and salt water

2) What is one reason that estuaries are important?

X because it's good for the plant.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ to keep it clean and not litter

TOTE STUDENT EVALUATION

1) What is an estuary?

Water covering a place

2) What is one reason that estuaries are important?

They help us and the environment

3) Describe one thing that people can do to help keep our estuaries healthy:

Try not to dump stuff in the estuaries

TOTE STUDENT EVALUATION

1) What is an estuary?

✓ were 2 kind of water's combine

2) What is one reason that estuaries are important?

+ they give us water

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not to throw away trash, or
Keep it dirty

TOTE STUDENT EVALUATION

✓ 1) What is an estuary?

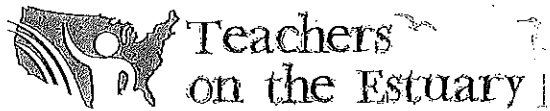
Saltwater and Fresh water
Mixed

2) What is one reason that estuaries are important?

X we need the things
they provided.

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't throw the trash
their



TOTE STUDENT EVALUATION

1) What is an estuary?

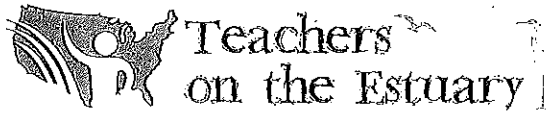
+ In green water

2) What is one reason that estuaries are important?

+ It's like algae that feeds fish

3) Describe one thing that people can do to help keep our estuaries healthy:

+ by leaving it alone



TOTE STUDENT EVALUATION

1) What is an estuary?

+ Water covering a place

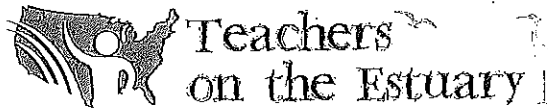
2) What is one reason that estuaries are important?

✓ for animals

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Not litter





TOTE STUDENT EVALUATION

1) What is an estuary?

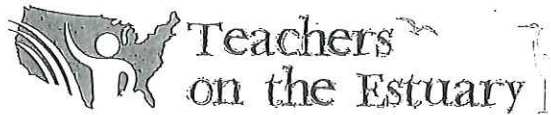
X The ocean

2) What is one reason that estuaries are important?

✓ For nursing life to land and oxygen

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ Don't throw junk in ocean



TOTE STUDENT EVALUATION

1) What is an estuary?

X Ocean and plants

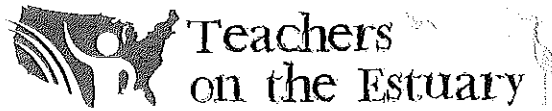
2) What is one reason that estuaries are important?

✓ give us oxygen

give us food

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ STOP Throwing trash in water



TOTE STUDENT EVALUATION

1) What is an estuary?

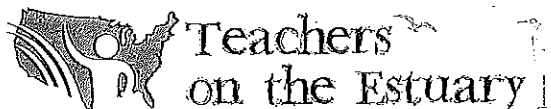
✓ When fresh water & salt water
meet

2) What is one reason that estuaries are important?

X To learn new things
and stuff u don't know

3) Describe one thing that people can do to help keep our estuaries healthy:

✓ By not fishing



TOTE STUDENT EVALUATION

1) What is an estuary?

X

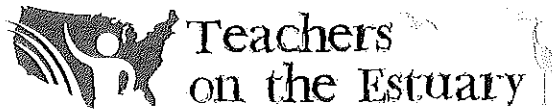
2) What is one reason that estuaries are important?

To ~~help~~ the guess

X

3) Describe one thing that people can do to help keep our estuaries healthy:

X



TOTE STUDENT EVALUATION

1) What is an estuary?

X a type of plant.

2) What is one reason that estuaries are important?

✓ They help plants and animals survive and breathe oxygen.

3) Describe one thing that people can do to help keep our estuaries healthy:

X

TOTE STUDENT EVALUATION

1) What is an estuary?

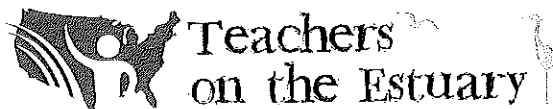
is a wave that goes in certain places,

2) Why are estuaries important?

to give nutrients to the animals.

3) What is one thing that people can do to help keep our estuaries healthy?

to see if it is healthy and moving.



TOTE STUDENT EVALUATION

1) What is an estuary?

Fresh and salt water meet

2) Why are estuaries important?

They ~~keep~~ keep our fish

3) What is one thing that people can do to help keep our estuaries healthy?

Stop burning their boats

TOTE STUDENT EVALUATION

1) What is an estuary?

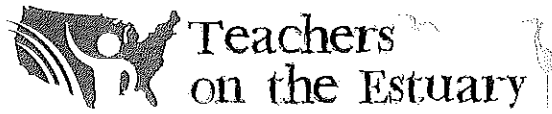
✓ When salt & Fresh water
mix.

2) Why are estuaries important?

✓ They are important because its
its centuries live

3) What is one thing that people can do to help keep our estuaries healthy?

X not get plants caught



TOTE STUDENT EVALUATION

1) What is an estuary?

X the where the sea meets the land

2) Why are estuaries important?

✓ that's where they have baby fish

3) What is one thing that people can do to help keep our estuaries healthy?

✓ don't pollute

TOTE STUDENT EVALUATION

1) What is an estuary?

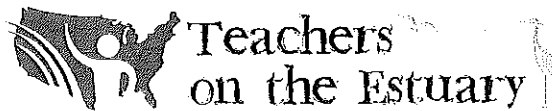
✓ Where fresh water and salt
water meet.

2) Why are estuaries important?

✗ Cause it help us Drink water
and so the fish and other
creatures can live.

3) What is one thing that people can do to help keep our estuaries healthy?

✗ Not Driving over it when
you are riding a boat.



TOTE STUDENT EVALUATION

PLEASE CIRCLE THE CORRECT ANSWERS TO THE QUESTIONS BELOW:

1) What is an estuary?

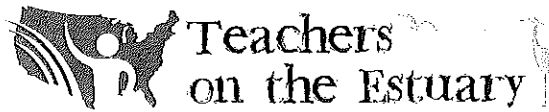
- ☒ a. A piece of land at the mouth of a river that is shaped like a triangle and is formed when a river splits into smaller rivers.
- ☒ b. A piece of land that juts out from a larger land mass and is mostly surrounded by water.
- ☒ c. A ring-shaped coral reef including a coral rim that encircles a lagoon partially or completely.
- ☒ d. An area where fresh water from rivers and streams meets and mixes with salt water from the ocean.

2) How do riparian zones benefit wildlife? Please circle all that apply.

- ☒ a. Plants in riparian zones provide food and shelter for many species of wildlife.
- ☒ b. Corridors formed by riparian woodlands provide cover that allows animals to move from place to place.
- ☒ c. The absence of large shrubs and trees in riparian zones allows wildlife, such as Whooping Cranes to see predators that try to sneak up on them.
- ☒ d. Riparian woodlands provide resting areas, food, and cover for migratory birds that migrate through Texas in the spring and fall.

3) Which of the following statements is true about riparian zones? Please circle all that apply.

- ☒ a. Riparian plants improve water quality in rivers and estuaries by filtering sediments and pollutants from runoff water.
- ☒ b. Riparian zones are found along the shorelines of oceans.
- ☒ c. The roots, stems, and leaf litter from riparian woodland plants help hold the soil in place and reduce erosion along the river banks.
- ☒ d. Riparian zones generally are not attractive to wildlife.



TOTE STUDENT EVALUATION

PLEASE CIRCLE THE CORRECT ANSWERS TO THE QUESTIONS BELOW:

1) What is an estuary?

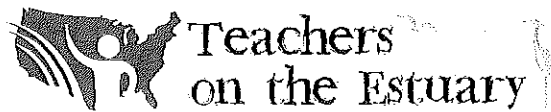
- a. A piece of land at the mouth of a river that is shaped like a triangle and is formed when a river splits into smaller rivers.
- b. A piece of land that juts out from a larger land mass and is mostly surrounded by water.
- c. A ring-shaped coral reef including a coral rim that encircles a lagoon partially or completely.
- d. An area where fresh water from rivers and streams meets and mixes with salt water from the ocean.

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- c. The absence of large shrubs and trees in riparian zones allows wildlife, such as Whooping Cranes to see predators that try to sneak up on them.
- d. Riparian woodlands provide resting areas, food, and cover for migratory birds that migrate through Texas in the spring and fall.

3) Which of the following statements is **true** about riparian zones? Please circle all that apply.

- a. Riparian plants improve water quality in rivers and estuaries by filtering sediments and pollutants from runoff water.
- b. Riparian zones are found along the shorelines of oceans.
- c. The roots, stems, and leaf litter from riparian woodland plants help hold the soil in place and reduce erosion along the river banks.
- d. Riparian zones generally are not attractive to wildlife.



TOTE STUDENT EVALUATION

PLEASE CIRCLE THE CORRECT ANSWERS TO THE QUESTIONS BELOW:

1) What is an estuary?

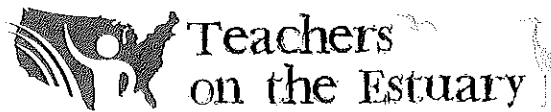
- a. A piece of land at the mouth of a river that is shaped like a triangle and is formed when a river splits into smaller rivers.
- b. A piece of land that juts out from a larger land mass and is mostly surrounded by water.
- c. A ring-shaped coral reef including a coral rim that encircles a lagoon partially or completely.
- ☒ d. An area where fresh water from rivers and streams meets and mixes with salt water from the ocean.

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- b. Corridors formed by riparian woodlands provide cover that allows animals to move from place to place.
- c. The absence of large shrubs and trees in riparian zones allows wildlife, such as Whooping Cranes to see predators that try to sneak up on them.
- ☒ d. Riparian woodlands provide resting areas, food, and cover for migratory birds that migrate through Texas in the spring and fall.

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- ~~b. Riparian zones are found along the shorelines of oceans.~~
- ☒ c. The roots, stems, and leaf litter from riparian woodland plants help hold the soil in place and reduce erosion along the river banks.
- ~~d. Riparian zones generally are not attractive to wildlife.~~



TOTE STUDENT EVALUATION

PLEASE CIRCLE THE CORRECT ANSWERS TO THE QUESTIONS BELOW:

1) What is an estuary?

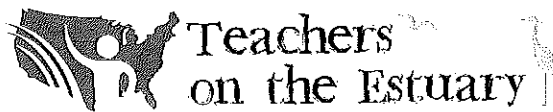
- a. A piece of land at the mouth of a river that is shaped like a triangle and is formed when a river splits into smaller rivers.
- b. A piece of land that juts out from a larger land mass and is mostly surrounded by water.
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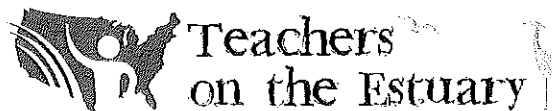
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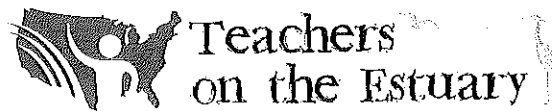
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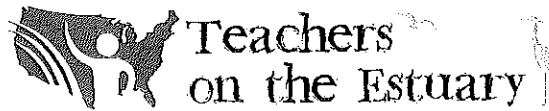
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

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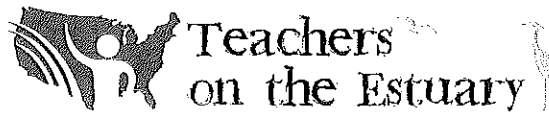
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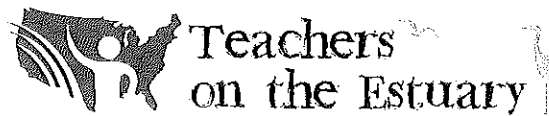
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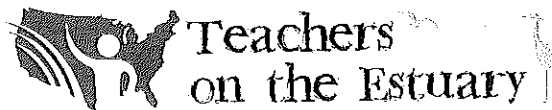
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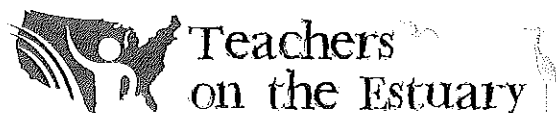
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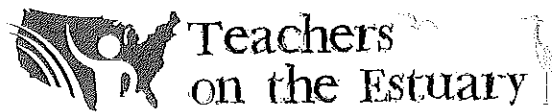
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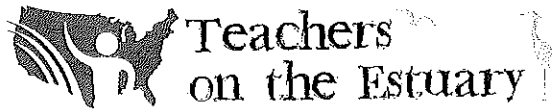
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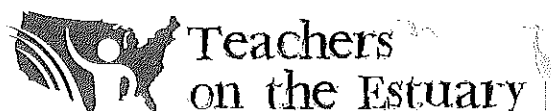
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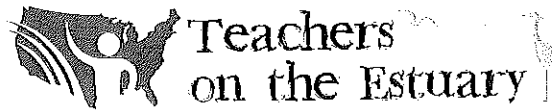
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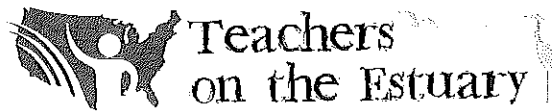
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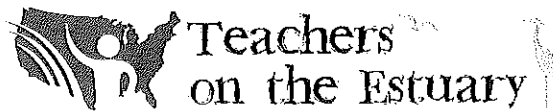
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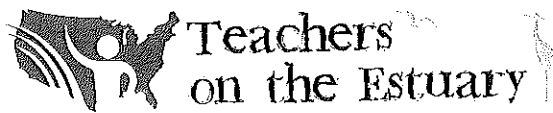
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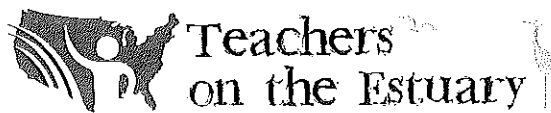
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

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TOTE STUDENT EVALUATION

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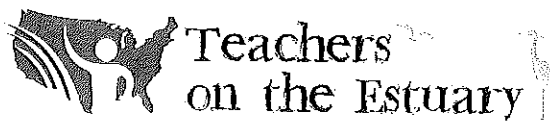
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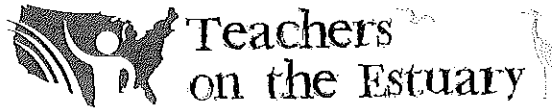
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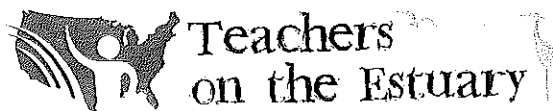
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

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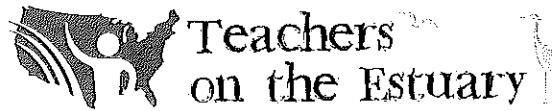
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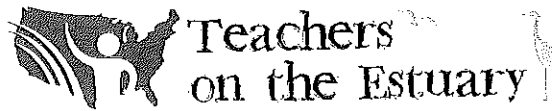
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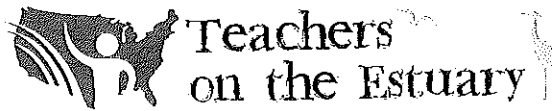
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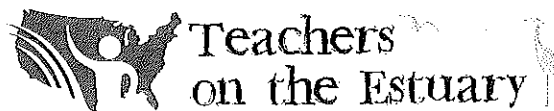
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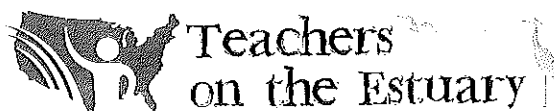
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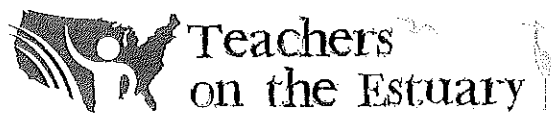
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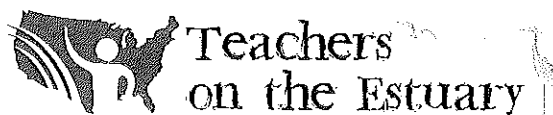
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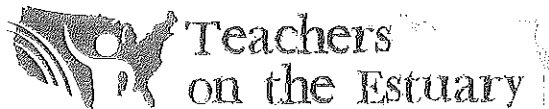
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- a. Estuaries are important sources of drinking water for people and livestock.
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- a. Conserve fresh water so that more reaches our estuaries.
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1

Jeremy D



Teachers
on the Estuary

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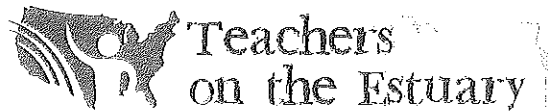
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THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
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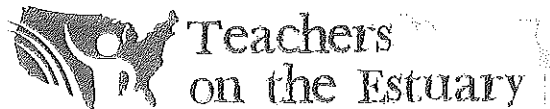
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200

TOTE STUDENT EVALUATION

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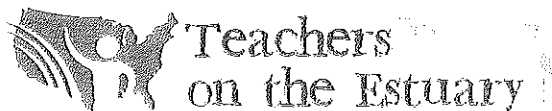
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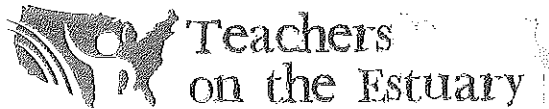
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1



THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
College of Natural Sciences



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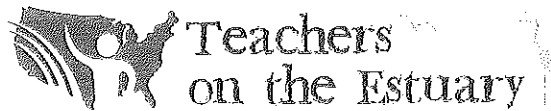
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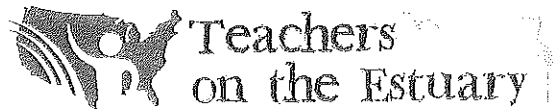
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THE UNIVERSITY OF TEXAS AT AUSTIN

Marine Science Institute

College of Natural Sciences



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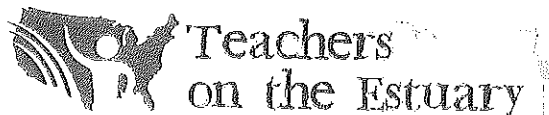
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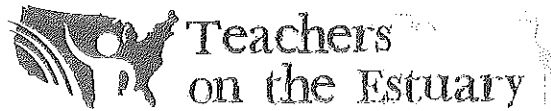
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Matthew Jackson



Teachers
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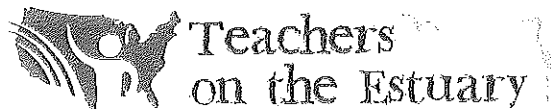
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THE UNIVERSITY OF TEXAS AT AUSTIN
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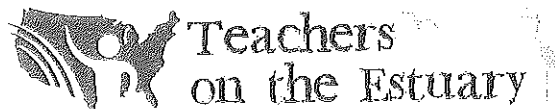
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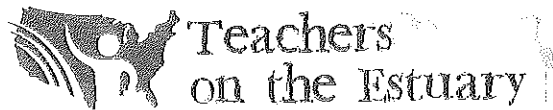
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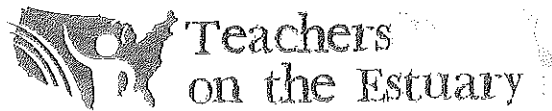
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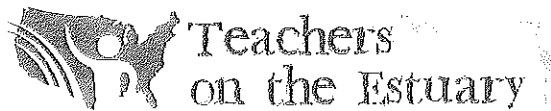
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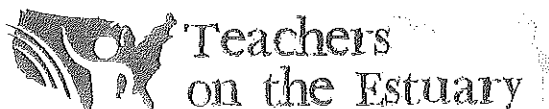
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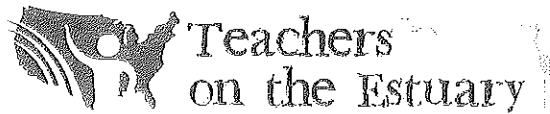
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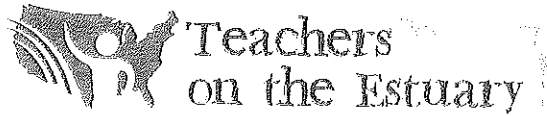
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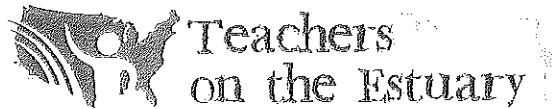
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

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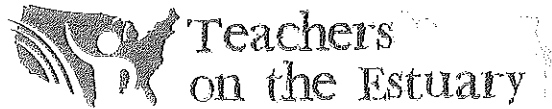
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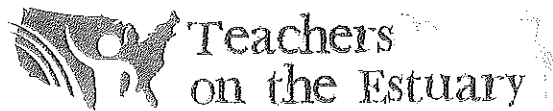
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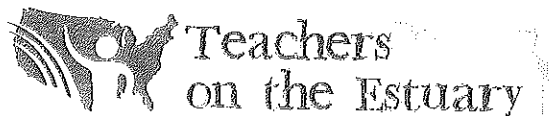
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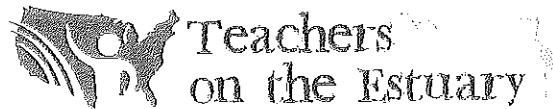
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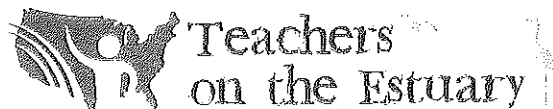
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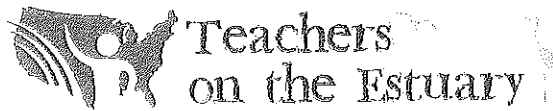
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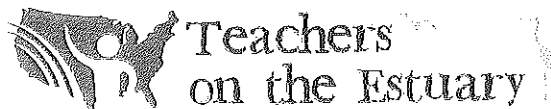
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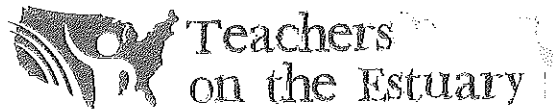
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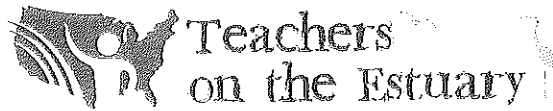
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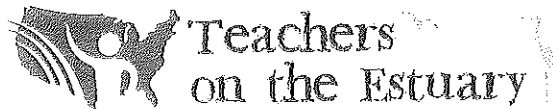
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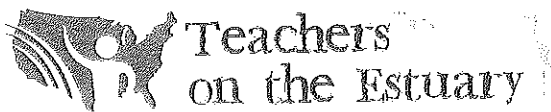
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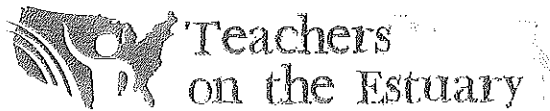
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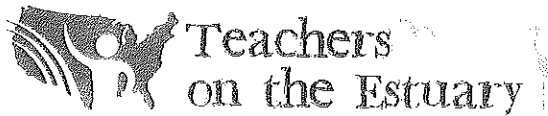
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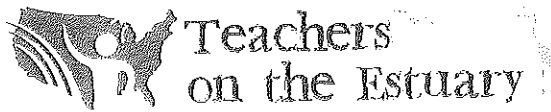
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TOTE STUDENT EVALUATION

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2) What is **one** reason why estuaries are important?

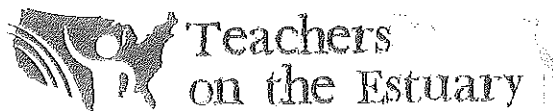
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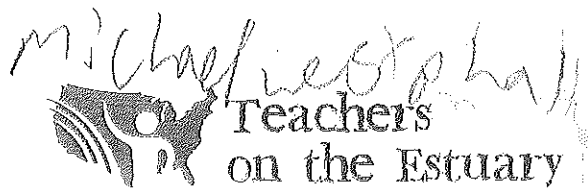
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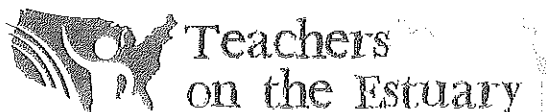
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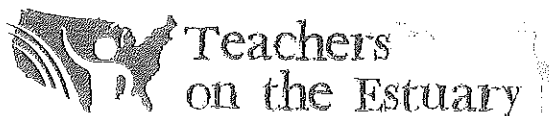
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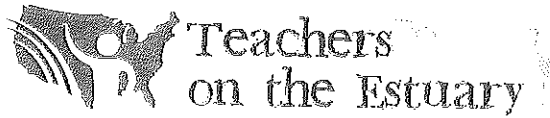
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Maria Ramos



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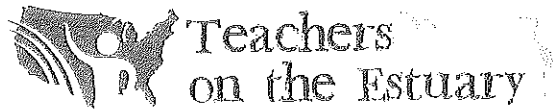
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Krista Saliz

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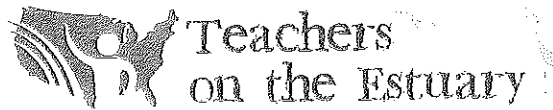
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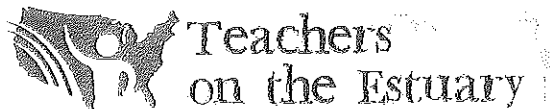
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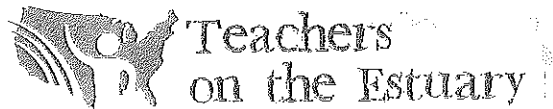
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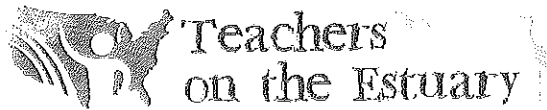
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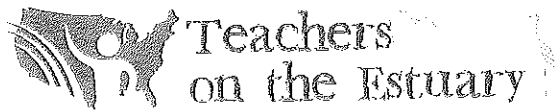
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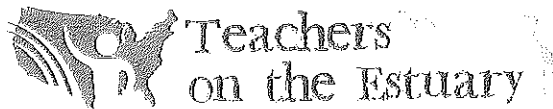
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Alex



Teachers
on the Estuary

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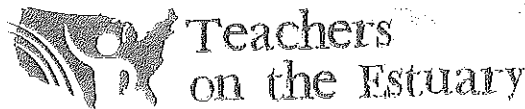
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1



THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
College of Natural Sciences



Sophia Bynon

TOTE STUDENT EVALUATION

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 Teachers
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Kylee Reid
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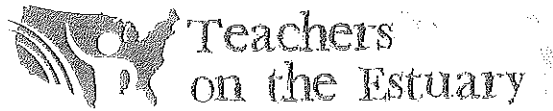
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

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TOTE STUDENT EVALUATION

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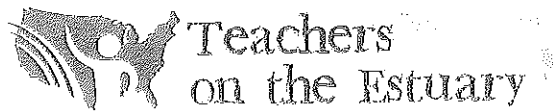
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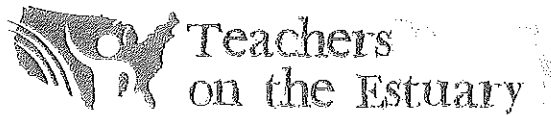
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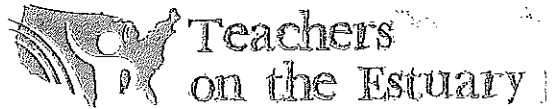
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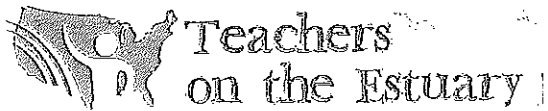
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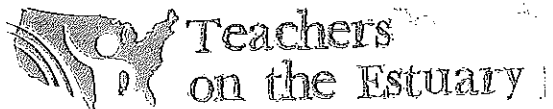
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THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
College of Natural Sciences



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Matthew Bellassen



Teachers
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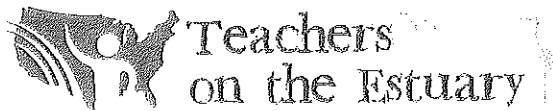
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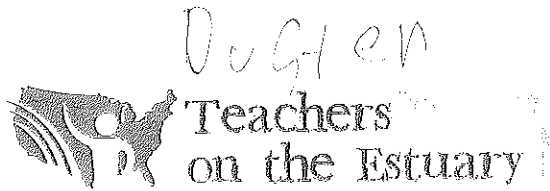
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1

Copy/Out #2

5-28-15



Teachers
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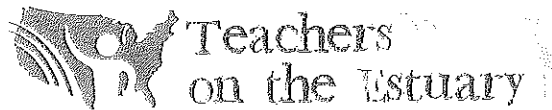
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THE UNIVERSITY OF TEXAS AT AUSTIN
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TOTE STUDENT EVALUATION

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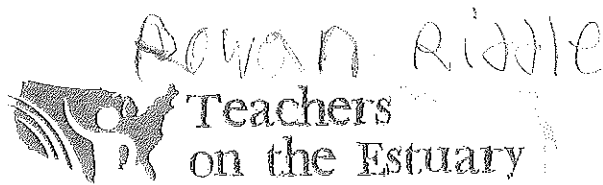
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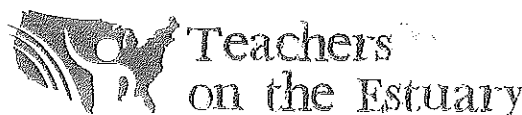
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THE UNIVERSITY OF TEXAS AT AUSTIN
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Ernie Bingham 107-28-15
Teachers on the Estuary

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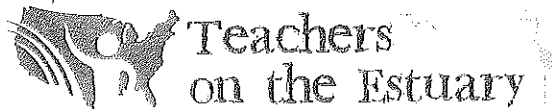
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Dylan Miller



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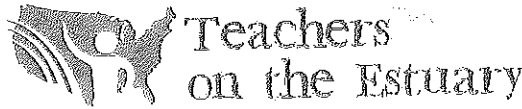
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- b. Pick up and dispose of pet wastes so that they are not washed into estuaries.
- c. Dispose of trash properly, so that it is not washed into estuaries.
- d. Limit the use of chemical pollutants that can be washed off into rivers and estuaries.

MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1

Just Box



Teachers
on the Estuary

TOTE STUDENT EVALUATION

PLEASE CIRCLE THE CORRECT ANSWERS TO THE QUESTIONS BELOW:

1) What is an estuary?

- ✓
- ☐ a. A piece of land at the mouth of a river that is shaped like a triangle and is formed when a river splits into smaller rivers.
 - ☐ b. A piece of land that juts out from a larger land mass and is mostly surrounded by water.
 - ☐ c. A ring-shaped coral reef including a coral rim that encircles a lagoon partially or completely.
 - ☒ d. An area where fresh water from rivers and streams meets and mixes with salt water from the ocean.

2) What is **one** reason why estuaries are important?

- X
- ☒ a. Estuaries are important sources of drinking water for people and livestock.
 - ☐ b. Estuaries provide nursery habitat for juvenile crabs, shrimp, and fish, so they are often called the "nurseries of the sea."
 - ☐ c. Estuaries provide important habitat for freshwater fishes.
 - ☐ d. Estuaries are sources of fresh water for irrigation of agricultural fields.

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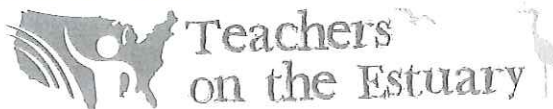
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1



THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
College of Natural Sciences

Sarah Meade



TOTE STUDENT EVALUATION

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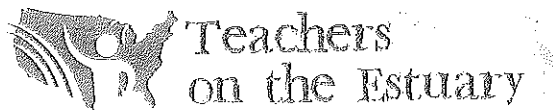
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1

5-28



Madison
Ladewig

TOTE STUDENT EVALUATION

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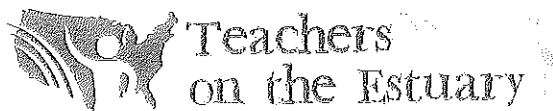
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MISSION * ARANSAS NATIONAL ESTUARINE RESEARCH RESERVE

1

Trey
L. UAR



TOTE STUDENT EVALUATION

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1

James Creek



Teachers
on the Estuary

TOTE STUDENT EVALUATION

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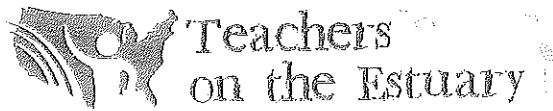
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1



THE UNIVERSITY OF TEXAS AT AUSTIN
Marine Science Institute
College of Natural Sciences

Devon
Parker



TOTE STUDENT EVALUATION

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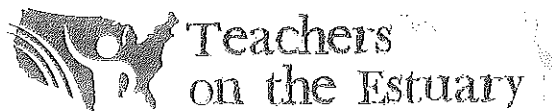
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1

Madelyn Henning



TOTE STUDENT EVALUATION

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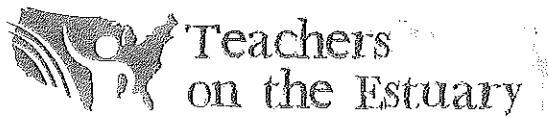
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