



TAMUG Home

Galveston Bay  
Information Center

GBIC Resources

Teachers' Page

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## Teacher Packets and Field Trips

### Teacher Packets

Teacher Packets

 [Teacher Packet Introductory Letter](#)



 [GBIC Brochure](#)


 [GBIC Interesting Bay Facts](#)


 [Galveston Bay Estuary Program. 2007. Galveston Bay and the Galveston Bay Estuary Program. GBEP GI-342. 2 pgs.](#)

 [Galveston Bay Estuary Program. 2007. Galveston Bay: Discover a Treasure in your own backyard. GBEP GI-369. 16 pgs.](#)

 [Coloring Sheets](#)

 (English)  (Spanish) [Dr. Jeanette Wyneken. December 2001. Anatomy of Sea Turtles. U.S. Department of Commerce, National Oceanic and Atmospheric Administration \(NOAA\), National Marine Fisheries Service, Southeast Fisheries Science Center. 180 pgs.](#)


 [U.S. Army Corps of Engineers, Waterways Experiment Station, Wetlands Research and Technology Center. The Young Scientist's Introduction to Wetlands. 14 pgs.](#)

 [Texas Sea Grant, Marine Advisory Service, Texas Agricultural Extension Service. Water Smart Landscapes. 2 pgs.](#)

 [Gulf Coast Waste Disposal Authority. About Wastewater Treatment. 8 pgs.](#)

 [Galveston County Parks Department. Clear Creek Watershed. 3 pgs.](#)

 [Galveston County Parks Department. Dickinson Bayou Watershed. 3 pgs.](#)

 [Texas General Land Office. \[Texas Beach and Bay Access Guide\]\(#\). 2nd edition. 148 pgs.](#)

 [Galveston Bay Foundation. December 2004. \[Drive and Discover Guide\]\(#\). 25 pgs.](#)



Daniel W. Moulton and John S. Jacob. [Texas Coastal Wetlands Guidebook](#). Texas Sea Grant Program. TAMU-SG-00-605. 80 pgs.



Galveston Bay Estuary Program. 2007. [The Quiet Invasion: A Guide to Invasive Plants of the Galveston Bay Area](#). 27 pgs.



Galveston Bay Estuary Program. August 2002. [State of the Bay: A Characterization of the Galveston Bay Ecosystem](#). 2nd edition. GBEP T-7. 180 pgs.



Gulf Coast Waste Disposal Authority. [How We Use and Affect Galveston Bay: Teaching Guide and Key](#). 6 pages. Accompanies a corresponding poster.

### Classroom Presentations

[Artist Boat](#) [Brochure](#) [Curriculum Grades K-12](#)

Type of Resource: 1. Eco-Art Workshops and Adventures, Eco-Art Residencies, Eco-Art Professional Development, Habitat Development  
2. Professional development and Curriculum for teachers

Contact Info: Karla Klay, Executive Director [kklay@artistboat.org](mailto:kklay@artistboat.org) (409) 770-0722

[Friends of Galveston Island State Park](#) Grades K-12

Type of Resource: 1. Guided field trips/field labs: Choose from these 1-hr. activities: beach and surf exploration (includes seining in the surf); marsh and mudflats exploration (includes seining in the marsh); prairie walk (includes insect gathering or birding, we supply binoculars); dipping for freshwater pond life; water quality testing  
2. Teacher Training: Treasures of the Bay is four full days of hands-on get-wet exploration of the Galveston Bay Area guided by experts in each of the ecosystems teachers learn about. The course includes seining, kayaking, birding, water quality testing and much more. Teachers receive a notebook of resource materials. The course is scheduled June 17-20, 2008. Registration is \$25 and is limited to 20 participants. Contact Julie Massey [jmassey@ag.tamu.edu](mailto:jmassey@ag.tamu.edu) (281) 534-3413 to register  
3. Classroom Presentations by Master Naturalist volunteers

Contact Info: Galveston Island State Park- contact Mary Jean Hayden [bean1219@earthlink.net](mailto:bean1219@earthlink.net) (409) 737-5306  
Texas City Prairie Preserve- contact Sara Snell [snellsw@verizon.net](mailto:snellsw@verizon.net)  
Scenic Galveston Marsh Preserve- contact Liz Gimmler at [gimmler@consolidated.net](mailto:gimmler@consolidated.net)

[Mothers for Clean Air](#)

Type of Resource: 1. [Ozone Theater](#) is an interactive activity that teaches children what air pollution is, where it comes from, and what they can do about it. Grades K-5  
2. Pesky Polluters Grades K-2  
3. Good Ozone Bad Ozone (GOBO) Grades 3-5  
A trained leader goes to the classroom to conduct the activity. Each student receives a reminder bookmark and the teacher is given an Activity Guide of extension activities.

Contact Info: Jane Laping, Executive Director [mfca@mothersforcleanair.org](mailto:mfca@mothersforcleanair.org) (713) 526-0110

#### Texas Marine Mammal Stranding Network Educational Opportunities Grades K-12

Type of Resource: 1. Classroom presentations / lectures tailored to different grade levels (K-12)  
2. Interactive mock stranding and rescue  
3. Hands-on traveling bone collection (including skulls, baleen, teeth, vertebrae, and more)  
4. Marine mammal necropsy (animal autopsy)  
5. Teacher workshops / teacher activity book, Young readers book based on true story of a dolphin rescue

Contact Info: Heidi Watts - State Operations Coordinator [tmmsn@tamug.edu](mailto:tmmsn@tamug.edu) (409) 740-4455

#### Texas Parks and Wildlife Grades 6-12

Type of Resource: 1. Series of Loaner trunks with informational and educational materials:  
-Mammal Trunk (Skins, Skulls, Predator-Prey relationships, aging deer by teeth wear, replica of skat (fecal matter), etc.)  
-Alligator Trunk (Skins, Skulls, reading material for young groups, posters)  
-Bat Trunk (Skeleton of Bat, posters, reading material for young groups, )  
-Endangered Species Trunk (Good for Middle School and higher educated groups; posters, notebook of activities, videos)  
2. Classroom Presentations

Contact Info: Keith Crenshaw, Natural Resource Specialist III [Keith.Crenshaw@tpwd.state.tx.us](mailto:Keith.Crenshaw@tpwd.state.tx.us) (281) 456-7029 x22

#### Museums, Field Trips/Labs

Local Resources for Field Trips/Labs

#### Artist Boat Brochure Curriculum Grades K-12

Type of Resource: 1. Eco-Art Workshops and Adventures, Eco-Art Residencies, Eco-Art Professional Development, Habitat Development  
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Contact Info: Karla Klay, Executive Director [kklay@artistboat.org](mailto:kklay@artistboat.org) (409) 770-0722

#### Eddie V. Gray Wetlands Education and Recreation Center Grades K-12

Type of Resource: 1. Guided Field trips for students in grades K-12. Existing programs include Wetlands Ecology and Liquid Science. Special programs can be arranged and tailored to appropriate grade levels. To schedule a field trip contact Sallie Sherman at [sallie.sherman@baytown.org](mailto:sallie.sherman@baytown.org) or call 281-420-7128 or 281-420-7140.

2. Wade Into Wetlands Summer Science Camp for ages 9 through 15. Week-long day camps offer experiences of fun-filled learning and off-site educational field trips. Phone 281-420-7128 or visit [www.baytown.org](http://www.baytown.org).

3. Badge workshops for Boy Scouts and Girl Scouts. To schedule a workshop contact Sallie Sherman [sallie.sherman@baytown.org](mailto:sallie.sherman@baytown.org) or call 281-420-7128 or 281-420-7140.

4. On the road program taken to schools, libraries, clubs and businesses to educate the public and students on the importance and preservation of wetlands areas. Contact Mary Alice Trumble [MaryAlice.Trumble@baytown.org](mailto:MaryAlice.Trumble@baytown.org) or phone 281-422-5124 or Tracey Prothro [Tracey.Prothro@baytown.org](mailto:Tracey.Prothro@baytown.org) or call 281-420-7101.

5. Gator Tales - Pre-school story and activity hour. Wednesdays during the summer and winter from 10 a.m. - 11 a.m. Nature topics are the theme each week with stories, puppets, crafts and activities. For more information contact: [sallie.sherman@baytown.org](mailto:sallie.sherman@baytown.org).

#### Friends of Galveston Island State Park Grades K-12

Type of Resource: 1. Guided field trips/field labs: Choose from these 1-hr. activities: beach and surf exploration (includes seining in the surf); marsh and mudflats exploration (includes seining in the marsh); prairie walk (includes insect gathering or birding, we supply binoculars); dipping for freshwater pond life; water quality testing  
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3. Classroom Presentations by Master Naturalist volunteers

Contact Info: Galveston Island State Park- contact Mary Jean Hayden [bean1219@earthlink.net](mailto:bean1219@earthlink.net) (409) 737-5306  
Texas City Prairie Preserve- contact Sara Snell [snellsw@verizon.net](mailto:snellsw@verizon.net)  
Scenic Galveston Marsh Preserve- contact Liz Gimmler at [gimmler@consolidated.net](mailto:gimmler@consolidated.net)

#### Houston Zoo Education Teachers& Schools Grades K-12

Type of Resource: Field trips, teacher workshops, student and outreach programs

Contact Info: Tyler Ahnemann Assistant Director of Education [tahnemann@houstonzoo.org](mailto:tahnemann@houstonzoo.org) (713) 533-6553

#### Junior Anglers & Hunters of America Grades K-12

Type of Resource: 1. Introduce kids to the outdoors by teaching and practicing outdoor recreational activities, skills, and safety such as hunting and fishing  
2. Instruct kids about sportsmanship and conservation of our natural resources  
3. Enhance familial relationships through a shared learning experience  
4. Create an appreciation of the outdoors to last a lifetime

Mission: "To Foster Connectivity to Nature By Being a Gateway for Accessing Opportunities Outdoors and By Teaching Outdoors Recreational Skills, Safety & Ethics, Environmental Responsibility and Conservation Practices".

Contact Info: Contact JrAHA to Volunteer: [elg@jraha.org](mailto:elg@jraha.org) or call (713) 446-3814

Texas Seaport Museum Grades K-12

Type of Resource: [Harbor Tours](#) [Educational Field Trips](#) [Curriculum Guide for ELISSA](#)

Contact Info: Christine Hayes (409) 763-1877  
Seagull II Tours- Mary Castano (409) 765-1700

Waterborne Education Center (WEC) Field Labs Grades 3-12

Type of Resource: On-the-water field labs that address science, history and cultural heritage, economic and commercial issues, art, and many other topics. Field labs are conducted in the Galveston Bay System, including the Trinity River and its bay and delta, the Houston Ship Channel and San Jacinto River.

Contact Info: To schedule a trip, contact Jo Ann Baird. [joannbaird@ih2000.net](mailto:joannbaird@ih2000.net) (409) 267-3547

Youth Educational Support Services, Inc. [Programs](#) [BaySmart](#) Grades 3-12

Type of Resource: This unique, exciting and adventurous program provides students with water-borne educational experiences aboard Coast Guard certified boats that serve as floating classrooms. During their BaySmart excursion, students observe and learn about the intermix of nature, industry and recreation. They learn about what has been done, what is being done and what is proposed relative to harmonizing the diverse interests in Galveston Bay. Students also see the application of school work to real-life situations.

Contact Info: Huey Barnett, Ed.D., President [yess@quixnet.net](mailto:yess@quixnet.net) (713) 299-4270

National Resources for Field Trips/Labs

American Museum of Natural History  
[Educator Resources](#) [Educators](#) Grades K-12  
[Biodiversity](#) [Biodiversity Counts](#) Grades K-12  
[eFieldTrip](#) Grades K-12

[Electronic Field Trip](#) - Ball State University

[Hands on the land](#) [Lesson Plans and Activities](#) Grades K-12

National Museum of Natural History [Education](#) Grades K-12

National Zoological Park [Education](#) Grades K-12

Smithsonian

[Earth from Space](#) [Lesson Plans](#) Grades 5-12

[Education](#) [Educators](#) [Science and Technology](#) [Lesson Plans](#) Grades K-12

[Local Educational Resources/Teacher Training](#)

[City of Pasadena](#) [Brochure](#) Grades K-5

[Stormwater Program Environmental Resources](#)

Type of [Adopt a Waterway](#), [Adopt a Street](#), [Marking Button](#), [DVDs](#), [Skits](#), [Several activities for Grades](#)  
Resource: K-5, computer presentations, and fliers. All resources are bilingual.

Contact [Sarah Metzger](#) (713) 475-7262

Info: [Luz Locke](#) (713) 475-7264

[Environmental Institute of Houston](#) [Brochure](#) [Education](#) Grades 5-12

Type of 1. Programs such as [School Habitat Program](#), [Texas State Envirothon](#), [EIH/UHCL Regional](#)  
Resource: [Collaborative for the Excellence in Science Teaching](#)  
2. Professional development training for teachers and schools

Contact [Brenda G. Weiser, Ed.D., Director of EE](#) [Weiser@uhcl.edu](mailto:Weiser@uhcl.edu) (281) 283-3960

Info:

[Flower Garden Banks National Marine Sanctuary](#) Grades 3-5

Type of [Teacher Packets](#) (brochures, activities, etc.), [Posters](#), [Animal Adaptations Curriculum](#)  
Resource:

Contact Info: [Kelly Drinnen](#) [Kelly.Drinnen@noaa.gov](mailto:Kelly.Drinnen@noaa.gov) or [flowergarden@noaa.gov](mailto:flowergarden@noaa.gov) (409) 621-5151  
x105

[Friends of Galveston Island State Park](#) Grades K-12

Type of 1. Guided field trips/field labs: Choose from these 1-hr. activities: [beach and surf exploration](#)  
Resource: (includes seining in the surf); [marsh and mudflats exploration](#) (includes seining in the  
marsh); [prairie walk](#) (includes insect gathering or birding, we supply binoculars); [dipping for  
freshwater pond life](#); [water quality testing](#)  
2. [Teacher Training: Treasures of the Bay](#) is four full days of hands-on get-wet exploration of  
the Galveston Bay Area guided by experts in each of the ecosystems teachers learn about. The  
course includes seining, kayaking, birding, water quality testing and much more. Teachers  
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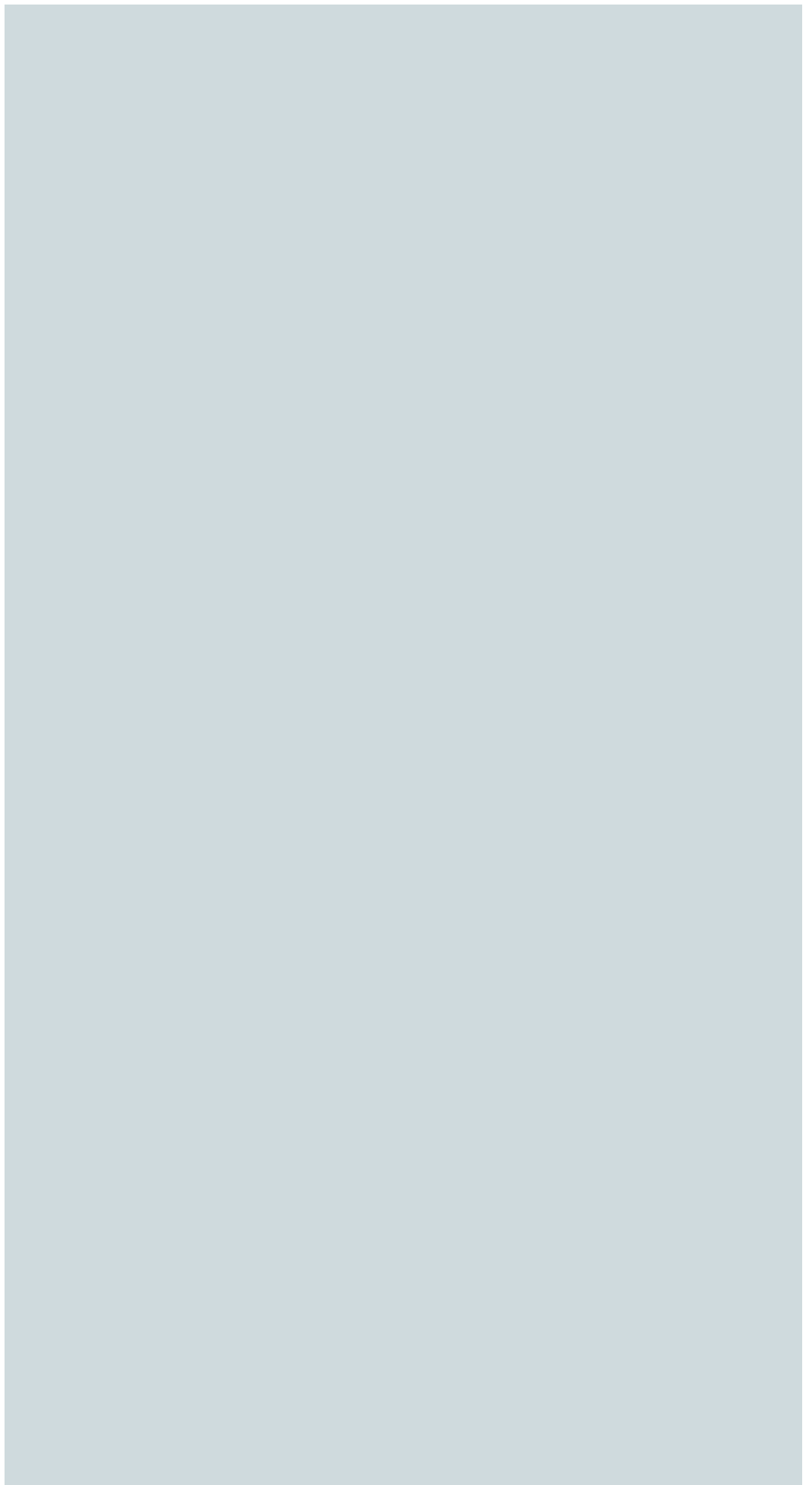
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Scenic Galveston Marsh Preserve- contact Liz Gimmler at [gimmler@consolidated.net](mailto:gimmler@consolidated.net)

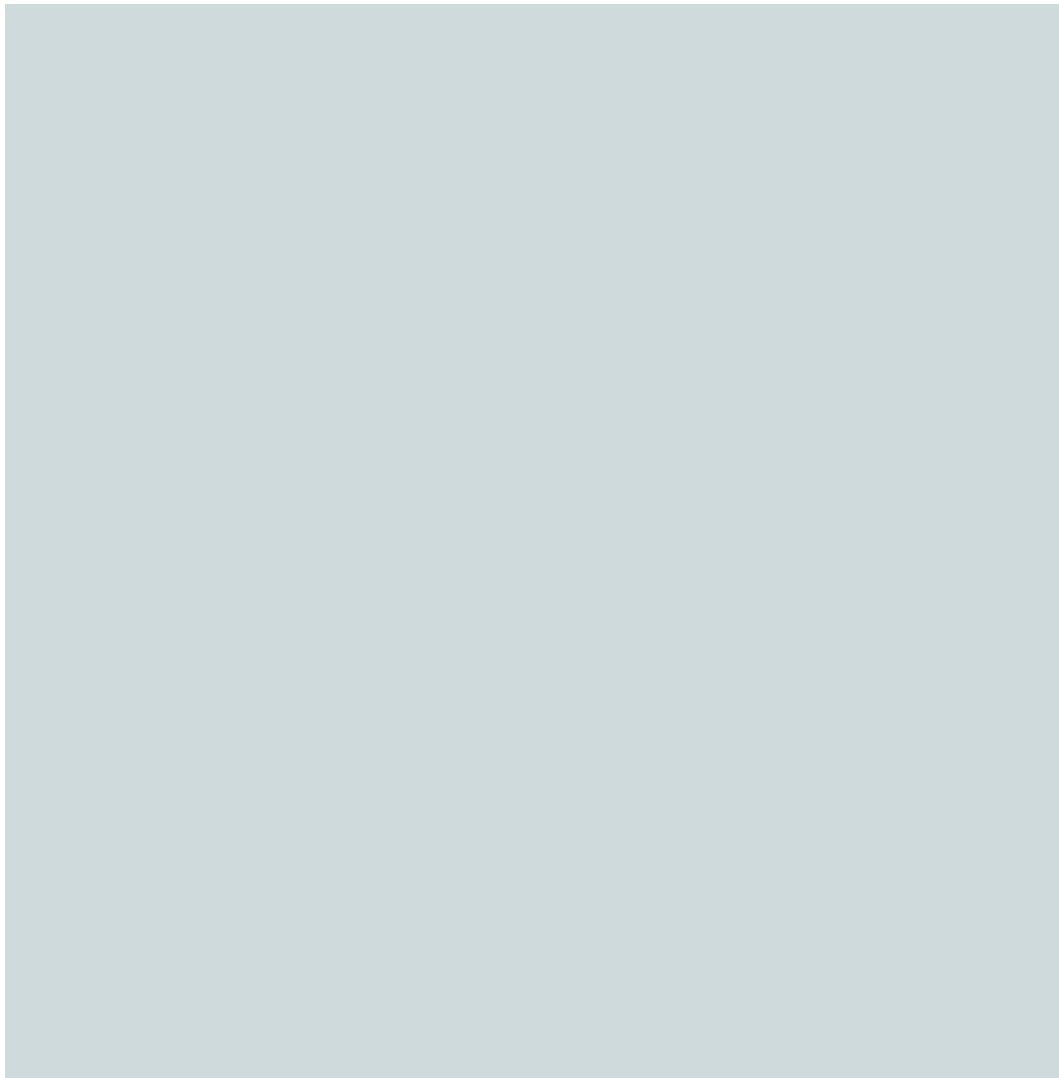
#### Gulf Coast Bird Observatory

Type of Resource: 1. Coastal Wild Bird Trunks – teaching resources for Grades 4-6  
2. Bird Scene Investigator – workbook/activity guide for students

Contact Info: Carol A. Jones, Education Program Manager (979) 480-0999







**Sea Aggie Alert | TAMUG Emergency Procedures**



State of Texas • Statewide Search • Privacy and Security • Legal Notices • Accessibility  
Compact with Texans • Texas Veterans Portal • Texas Homeland Security • Texas Veterans Commission • Open Records  
TAMU Homeland Security • Annual Security Report • Annual Fire Safety Report • Risk, Fraud & Misconduct Hotline  
Contact us • Texas A&M University at Galveston is a member of The Texas A&M University System  
Campus Security Authority Form • Texas A&M University at Galveston, P.O. Box 1675 Galveston, Texas 77553  
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