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For more information about field trips or to reserve a time
Contact: Caleb Harris, Education Coordinator,
CalebH@cctexas.com 361-826-3947

For information on other educational and recreational programs please visit: osopreserve.com

Address: 2446 N. Oso Parkway, Corpus Christi, TX 78414
Phone: 361-826-3335
Building Hours: Monday - Saturday 8:00am - 5:00pm

Preserve Manager - Sara Jose, Saraj@cctexas.com
Recreation Coordinator - Lauren Piorkowski, LaurenP@cctexas.com

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(Suggested Grades 6th - 12th, science clubs or community groups)

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FIELD TRIP TO A WETLAND (TEXAS AQUATIC SCIENCE)

Students will complete the activities from the Texas Aquatic Science Curriculum Guide (texasaquaticscience.org) for Chapter 10 Field Trip to a Wetland. Activities will include soil and water testing, macroinvertebrate sampling and analysis and examination of plant adaptations.

Suggested Course: Aquatic Science

HIGH SCHOOL FIELD TRIPS

TRANSECTS

Students will use square meter quadrats in transects to sample and compare different areas of the wetlands preserve. Sites relevant to each course will be selected, wetland sites for aquatic science, reclamation sites for environmental science, etc.

Suggested Course: Aquatic Science, Biology, Environmental Science

Science TEKS: 112.32.c) 1 (A) 9 (A), 112.32.c) 1 (A) 10, 112.34.c) 1 (A) 11 (D), 112.34.C) 1 (A) 12 (B), 112.37.c) 1 (A) 2 (G), 112.37.c) 1 (A) 4 (A) 112.37.c) 9 (E)
SORTING & CLASSIFICATION  
(Suggested Grades PK- 1st)

Students will practice sorting items into different classifications based on properties and become familiar with grade-appropriate classification of organisms. This program includes a tour through the property practicing sorting and classifying natural items such as rocks, shells, plants and wildlife and may also include a game, indoor sorting activity or lab activity that demonstrates basic classification.

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ELA TEKS: 110.11.b) 5 (C), 110.11.b) 10 (B), 110.11.b) 16(A)iii, 110.11.b) 21(B), 110.12.b) 6(D)

ANIMAL ADAPTATIONS  
(Suggested Grades 2nd - 4th)

Students will explore basic inherited characteristics that help organisms survive in their habitat. Activities include a bird walk through the property with opportunity to learn to use binoculars to observe birds. Students will compare replica skulls of birds and how their adaptations affect feeding behavior and participate in a game and graphing lesson that introduces camouflage and other adaptations.

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ELA TEKS: 110.13.b) 27, 110.14.b) 20 (A), 110.15.b) 2 (A)
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PLANT ADAPTATIONS  
(Suggested Grades 3rd - 5th)

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NEEDS OF ORGANISMS & CARRYING CAPACITY
(Suggested Grades 5th - 8th)
Students will conduct a population survey of animals and/or plants that reside at the preserve. Students will play a game and graph the results to discuss survival strategies, limiting factors and population carrying capacity of the preserve.

Science TEKS: 112.16.b) 9 (A)(B)(C), 112.18.b) 12 (E),(F), 112.20.b) 11 (B), b) 2 (A)(C)(D)

Math TEKS: 111.26.b) 3 (D), 111.26.b) 6 C

ANIMAL RESEARCH WALK
(Suggested Grades 6th - 7th)
Students will use Latin prefixes and suffixes to understand scientific names of organisms at the preserve. Students will research an assigned organisms in small groups using the preserve's library of resources, including a walk to find the habitat of their organisms and conclude with a presentation to the group.

Science TEKS: 112.18.b) 12 (C)(D)(E)(F), 2 (A)(D), 112.19 b) 1 (A), 12 (A)

ELA TEKS: 110.18.b) 2 (E),110.18.b) 12  (A),(B), 110.18.b) 22 (A),(B)

MIGRATION
(Suggested Grade 7th)
Students will describe migration patterns of birds and butterflies that come through the Corpus Christi area. Students will apply keys and field guides to identify migratory species at the preserve. Activities will use maps and charts of migratory routes to lead to discussions of landforms that affect migrations.

Science TEKS: 112.19.b) 11 (A),(B), 112 b) 2 (A)(D)

Social Studies TEKS: 113.19.b) 9
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