

Interpretive Education Programs for the Yuma East Wetlands (YEW)

Eco-explorations (K-2): The YEW is home to a diverse array of native plants and animals. Hiking through the YEW, students will become eco-explorers, using their various senses to examine the plants and animals of the YEW. Students will be encouraged to explore the natural world by listening for bird calls, searching for animal prints in the mud, smelling a pungent marsh fleabane plant, and touching fluffy cottonwood and willow seeds.

K: Science K.P2.U1.1, K.L1U1.6, K.L1U1.7

1st: Science 1.L2U2.7, 1.L2U1.8

2nd: Science 2.E1U1.5, 2.L2U1.9

Wetlands Adaptations (3-4): Wetlands are defined as an area that contains water-soaked soil, water tolerant plants, and water at or near the ground's surface. All that water can create challenging environmental conditions, including periodic flooding, saline soils and water, and a high degree of species competition. Wetland plants and animals must be able to survive in these tough conditions. On a guided hike through the YEW, students will explore plant and animal adaptations that allow species to thrive in these conditions.

3rd: Science 3.L1U1.5

4th: Science 4.E1U3.9, 4.L4U1.11

Water Quality Investigations (5-6): The health of a body of water can be assessed through water quality testing. During this program, students will investigate a number of water quality parameters, including temperature, pH, and dissolved oxygen levels of Colorado River water. The testing results will then be analyzed to determine factors that may be influencing these results, and the overall significance of the results.

5th: Science 5.L4U3.11

6th: Science 6.L2U3.11, 6.L2U3.12

Wetlands Restoration (7-8): Over time, the natural wetlands that historically bordered the Colorado River have disappeared. Removal of the native cottonwood and willow forests, the construction of dams, and the introduction of invasive species all contributed to the disappearance of the wetlands. Through the YEW restoration project, however, the historic wetlands environment has been recreated. During this program, students will learn the story of the Colorado's historic wetlands and the restoration of the YEW while participating in a guided bird hike. Binoculars provided.

7th: Social Studies 7.SP1.1, 7.SP1.2, 7.SP1.3, 7.SP1.4, 7.C4.3, 7.C4.4, 7.G3.3; Science 7.L1U1.11

8th: Social Studies 8.SP1.2, 8.SP1.3, 8.SP1.4, 8.C1.4, 8.C2.1, 8.C4.1, 8.C4.3, 8.C4.5, 8.G2.1, 8.G2.2, 8.H2.3; Science 8.E1U3.8

Scheduling: To schedule a program, please call Park Manager Tammy Snook at (928) 329-0471. All programs cost \$2/student and \$4/adult.