

## Outdoor Adventures science discovery program

at the San Joaquin Wildlife Sanctuary  
in Irvine, California



**“Our students are able to access experiences that they would not have otherwise. Your support is shaping and inspiring our students. Thank you!”** Diana Ellis, Kennedy, Santa Ana

Our science program addressed science standards related to ecosystems, food chains, adaptations, urban runoff, and how children can help the environment.

Enrollment is only open in August and September for the entire year, so schedule your trip before we are filled!

**Contact Person:**  
Trude Hurd, Project Director of Education  
Sea and Sage Audubon Society  
949-261-7964

[seaandsage@sbcglobal.net](mailto:seaandsage@sbcglobal.net)

rev 2021

In class, students see a PowerPoint about urban runoff that connects their homes with the wetland. They also research one of 6 common birds like Black-necked Stilt, Ruddy Duck, and Great Blue Heron that they might see during their upcoming trip to the wildlife sanctuary.



Over 330 species of birds live, migrate or breed at the wetland. Students get close-up views of these wild birds that swim, fly, forage, nest, and rest right in the middle of our city! We never know what exciting things we will encounter on the trails, so each tour is unique. Students always say this is the best trip they've been on!



Page 5

The adventure begins on the school bus ride along the San Diego Creek when students view the source of water for the wildlife sanctuary.



Trails are level and easy to walk on by foot or wheelchair.



Ask about our free Scholarship Program for Santa Ana classes!



View of shallow pond from 40 ft pond camera.

Page 6

page 1

During the **Nature Walk** around the ponds, creek, and Butterfly Garden (1 hour), students make personal discoveries about birds of the wetland, bird behaviors, and adaptations. Each student gets a binocular to use on the trails.



During the half-hour **Pond Study** inside the Learning Center building, students do a simple water quality test and look through microscopes at live pond water to understand the food web of the marsh.



During the half-hour **Bird Adaptations** lesson inside the Learning Center building, students examine ten taxidermy bird specimens to determine the adaptations of how bird beaks and feet differ depending on how they feed.

