



Dunrovin Osprey: Harriet

Dunrovin Ranch Osprey Nest

SPONSORED BY:
DUNROVIN RANCH
LOLO, MT

MAY 2019

DUNROVIN OSPREY CITIZEN SCIENTISTS ASSIST STUDENTS:

- **Members of the DaysAtDunrovin (D@D) online community know and love the ospreys.**
- **Students gain valuable osprey insights and information from D@D members.**
- **D@D members answer students' questions via our secure chatroom.**
- **Most D@D members are seniors who love connecting with students.**
- **The Awesome Osprey Science Project builds bridges across the miles and generations.**

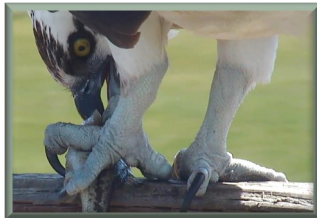
AWESOME OSPREY Science Project

CONCEPT:

Students of all ages from around the world can collaborate to create a single data set of osprey observations. Students can then determine if there are differences between male and female osprey behaviors during egg incubation.

SAMPLE QUESTIONS:

What proportion of egg incubation is done by the female?
How often each day does the female eat a fish at the nest?



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PROJECT OVERVIEW:

Here at Dunrovin, we believe in connecting people with nature, the arts, and the sciences. The Awesome Osprey Science Project engages school-age children in scientific data collection. Students have 24-hour access to the Dunrovin web camera, where they observe and record osprey behavior. Dunrovin Ranch provides a centralized database that includes all osprey observations over the course of one week. After the observation week is complete, students compare and analyze data with other participating schools. Schools are able to connect via a secure chat room on Days at Dunrovin's website.

www.daysatdunrovin.com

Contact: DunrovinLearns@gmail.com to participate.

Dunrovin Ranch: 406-273-7745

Project Coordinator: Karin Flint

Registration Closes May 10, 2019



Dunrovin Osprey: Hal (front) and Harriet (back)

PROJECT OBJECTIVES:

Week of May 13- May 17

Learn The Birds: Distinguish Hal from Harriet and identify osprey behaviors using learning tools.

- Photo identification sheet with close-up pictures of Harriet and Hal
- Osprey videos showing common bird behaviors
- Osprey trivia game and custom coloring sheet

Week of May 20- May 24

Observe and Record: Document osprey behavior for five consecutive minutes each day.

- Observation times will be assigned based on availability of your class
- Answer 12 "yes" or "no" questions on data sheet provided
- Enter data online using SurveyMonkey

At the conclusion of the observation week, you will receive a file with compiled data from all collaborating schools. Compare the data, then share your students' projects with the ranch.

Week of May 27-May 31

Collaborate with osprey experts via Dunrovin's secure chatroom.

- Senior members available for chat daily with extensive knowledge on Dunrovin's Osprey
- Wildlife Biology Expert available for online interactive web session