

## San Francisco Nature Education Introduction to Birds School Program *1st Grade*

### Summary

Our 1st grade program offers science and environmental education by introducing students to the local birds of San Francisco. We focus on getting to know local birds by sight and listening for birdcalls.

The program is designed to align with the California Department of Education Content Standards. The program includes a 40 minute interactive presentation in the school library or auditorium to two or three 1st grade classes at a time. We provide pre- and post-presentation teacher classroom materials and student coloring journals.

### Content Standards Alignment

*California State Content Standards for Life Sciences, 1st Grade: Plants and animals meet their needs in different ways. As a basis for understanding this concept:*

Content Standard	SFNE Program Coverage
a. Students know different plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places.	We discuss the way different birds adapt to their respective environments.
b. Students know both plants and animals need water, animals need food, and plants need light.	We cover the need for clean water and sufficient food.
c. Students know animals eat plants or other animals for food and may also use plants or even other animals for shelter and nesting.	We discuss the different diets of different birds and plants used for nesting.
d. Students know how to infer what animals eat from the shapes of their teeth (e.g., sharp teeth: eats meat; flat teeth: eats plants).	We study the beaks of different birds.
e. Students know roots are associated with the intake of water and soil nutrients and green leaves are associated with making food from sunlight.	N/A

### Program Structure

#### *Pre-school visit*

Teachers will be provided information to cover with their students prior to our presentation:

#### *School visit presentation*

A SFNE naturalist and volunteers will lead the students through an interactive presentation that will cover each of the above content standards.

#### *Post-visit*

Each teacher will receive coloring journals for their students. They will also receive, on loan, color charts to guide their students in completing their coloring journals.

*Post-visit (continued)*

Teachers are also responsible for completing a program evaluation to assist us in maintaining high program standards.

Please visit our website for more information: [www.sfnature.org](http://www.sfnature.org)  
Or call Nancy DeStefanis at 415-387-9160