

Overview for Teachers

TOPIC: Marine ecosystems of Burgoyne Bay

THEME: The tidal areas of Burgoyne Bay are rich in natural and cultural features.

LEARNING OUTCOMES:

The student at the end of the day will be able to:

- ✧ Demonstrate the use of the field notebook for science and stewardship
- ✧ Recognize a midden
- ✧ Identify different species from an eelgrass meadow
- ✧ Demonstrate the use of a dichotomous key

PRE-TRIP: 40 minute in-class session

The Program Coordinator runs a classroom session to familiarize students with the upcoming field program, including a preliminary introduction to the intertidal ecosystem. The session involves a brief discussion around the questions: What is stewardship? What does it look like? Who is familiar with the SIT Program from past years?

Students are led in a demonstration of how to construct their field journal. Ideally, if time allows the journal should be reviewed briefly – a study of the aerial photo (who can find different features? etc.), and a review of the station sheets.

FIELD DAY: Full Day program on Site

A school bus will pick up students in the morning and take the class to the site. (Note that for Salt Spring and Fulford Elementary Schools, if the teacher would like to arrive earlier and do their own activity until 10 am; please advise the program coordinator to consider this with the bus pickup time in the morning).

For the field program each school group will be accompanied by up to 10 volunteers. During the day, four groups of 6 to 8 students (depending on class size) will move around to the four activity stations, accompanied by at least one, if not two adults.

POST TRIP: 40 minute session in Class

The Program Coordinator will visit your class to conduct this session. Students will be asked to recall their memories and highlights from the field day, and then guided through a game of “Jeopardy” reviewing aspects of the field day.

SSI Conservancy Stewards in Training Program

STEWARDS IN TRAINING PROGRAM PROVIDES THE FOLLOWING

1. Journal materials for use in the classroom.
2. All field equipment and supplies.
3. Booking and cost of the school buses to transport the students from the various schools to the field site and back.
4. Trained volunteers from the community.
5. First aid kits and walkie-talkies.
6. Cell phone for emergency.

STUDENT NEEDS FOR THE FIELD DAY

1. Dress for all weather (rubber boots or sturdy hikers, sweater, hat, rain gear).
2. Snacks, water bottle and hearty lunch.
3. Any personal medications (particularly allergy remedies for grass, bee stings, etc.).

CONSERVANCY NEEDS FROM THE TEACHER

1. Permission slips prepared and collected.
2. Scissors, glue sticks and pencil crayons/markers for the construction of the field journal during the pre-trip session.
3. A class list of students' first names sorted into four groups.
4. Two parent volunteers to attend the field day with the class.
5. Parent names & contacts who might be interested in coming out on field trip. They are welcome to come to our volunteer training day.
6. The names of all students with photo-use restrictions.
7. Cell phone for emergency, if available.
8. Help with the evaluation of the program.
9. Offers of a few good photos from the field day.