

OCEAN POLLUTION / LESSON OVERVIEW

Objectives

The students will:

- classify living and non-living things;
- define stewardship as the careful and responsible care of the environment;
- understand that the way people live affects the environment;
- learn about pollution and how it causes harm to the natural environment;
- understand different types of pollution;
- and understand that all living things have needs for survival.

Lesson Summary

Part 1. Introduction (5-10 minutes)

- Determine what classifies something as living: they grow, reproduce, have needs such as water, food, oxygen, sunlight, and are sensitive to changes in its environment.

Part 2. Ocean Pollution (10 minutes)

- Define the word pollution and Identify pollution that you see around your school or home.

Activity 1. Dirtied Water (20-30minutes)

This activity will inspire students to think about the ocean, the animals that live in it, and how they are affected by pollution. Students will get to see firsthand how a water source can easily be polluted by our everyday activities. At the end of this activity they will define stewardship and propose what they could do to help take care of the ocean.

Activity 2. Ocean Steward Stories (20-30 minutes)

During this activity students will compare and contrast what humans need to survive and what ocean animals need to survive. Students will illustrate their understanding on how pollution affects different ocean animals. Students will compile their illustrations to create a class book.

Materials

- Large plastic container
- Vegetable or canola oil
- Tiny pieces of paper
- Fishing line or floss
- Dirt
- Sand
- Cotton Balls
- Art paper or construction paper
- Markers, crayons, or colored pencils