

ECOSYSTEM TEACHER INSTRUCTIONS

Ecosystem Vocabulary Matching Activity

Hand out index cards to each student (made from "Lesson 2 Ecosystem Vocab Cards" PDF file). Students must match each vocabulary word to the appropriate definition. They may also work in groups of 2-3.

Yarn Food Web Game

1. Each student is given a picture card of a marine organism, which is hung around their neck. (Teacher will have to design these cards as a file is not provided.)
2. One person is the sun and begins with the ball of yarn. This person throws it to a producer, (who needs the sun's energy to begin) the yarn is then thrown to a primary consumer, a secondary consumer, and tertiary consumer. At any time, a student can throw the yarn to a decomposer demonstrating how the ocean food web is like a tangled web; all connected. The ocean food web is not simply linear, like a food chain. The decomposers always throw to a producer.
3. While the students throw the ball of yarn to each other, the teacher interrupts the process by making statements that prompt students to think about changes that occur in an ecosystem.

Herring Life Cycle Game

1. Teacher must print pages from Word file "Lesson 3 Herring Game." Each page is placed in order next to a cone in a large circle around the room, gym, or other open space. Die is placed with the appropriate pages.
2. Students line up and roll dice at the starting point, then follow instructions on the pages to complete the game.