

Producers, Consumers & Decomposers



Name:

Welcome to the Tillamook Forest Center! Follow the directions below to help you explore the forest and discover its hidden treasures. You will have fun and learn something new!

Producers: *Producers are plants. Plants are food factories! Using sunlight, water and nutrients, the green parts of the plant help it make (produce) its own food. Plants form the base of the food pyramid.*



Go to "Forests of Today and Tomorrow"

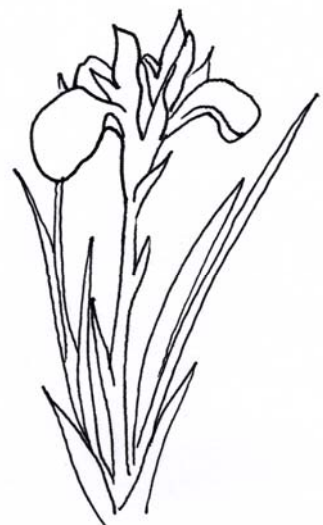


Find the "Revolving Landscape" forest models.

Look at the plants, big and small, in each forest model and drawer.

The green parts of a plant uses the energy from the sun to make its food.

Circle or shade the green parts of these plants.





Go to "Forests of Today and Tomorrow"

Consumers: Consumers are animals that eat producers (plants). Consumers are also food for other animal predators! All animals need to eat to get energy.



Look at the Regeneration Forest Model

Find the elk.

What are the elk eating to get their energy?

- mice
- plants
- dead trees



Animals that eat only plants are called **herbivores**.



Find the Layered Forest Model

Open the "Animals" drawer.

What food is the Cooper's hawk eating to get energy?

- Grass
- Dead sticks
- Frog



Animals that eat other animals are called **carnivores**.

What would happen to the hawk if all of the plants died?

Animals that eat both plants and other animals are called **omnivores**. A bear is an omnivore.



Look into the Layered Forest Model and find the bear.

Find two things in this forest that the bear can eat.

What have you eaten today to get your energy?

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Go to "Early Coast Range Forest"



Look in the tree drawers for organisms that lived in the early coast range forest.

Choose 2 magnets that are *decomposers*.

List their names. (Hint: look on the back of the magnet!)

Choose 2 animals that are *herbivores*.

List their names.



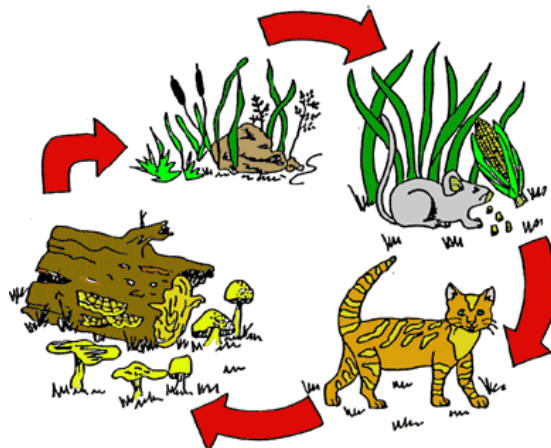
Look for the handle (branch) next the side of the forest mural.

Pull out the soil profile.



Name a *consumer*.

Name a *decomposer*.





Go to "Early Life in the Tillamook "



People living in the forest long ago needed food energy too!

Put an "I" next to the food that the Tillamook Indians ate.

Put a "P" next to food that the Pioneers ate.

Put an "N" for neither.

ice cream

pasta

fruit

seals

trout

elk

roots

clams

plants

salmon

deer

canned vegetables

butter

twinkies

seeds

seaweed

