

Forests of Today and Tomorrow



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!

The forest is constantly changing by things that people or nature do. The Oregon Department of Forestry's plan is to manage the forest for tree and landscape diversity. This, in turn, develops a large diversity of habitat for many kinds of wildlife.



Find the Layered Forest Model

Choose a forest stand type. Write the name in the first column. Open a drawer to find one animal and one plant that you would find in that forest type:

Forest TYPE name	Wildlife found	Plants found
Closed Single Canopy	Rough Skinned newts, porcupine	Sword fern, oxalis



Find the Stream and Salmon Display

Climb into the display to see an underwater stream up close. Name at least four living things in this display other than the very large fish.

- 1.
- 2.
- 3.



Find the Riparian Mural and Magnets

Describe three ways that a forest helps native fish and water quality.

- 1.
- 2.
- 3.

What is ODF doing to make leaps for fish?

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



Find the Regeneration Forest Model

Find the elk.

What are the elk eating to get their energy?

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.

- 1.
- 2.





Find the Forest Products Gallery

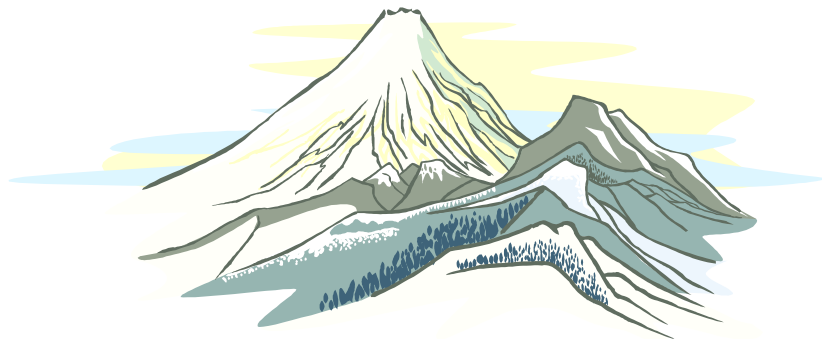
Name three ways people depend on trees:

- 1.
- 2.
- 3.

How do forests affect your life? Which items in the gallery best represent you?

Now that the trees have grown back, name two major challenges ODF faces with the new landscape today.

What is a watershed?



_____ **Zone** = area above a stream up to the headwaters.

_____ **Zone** = where the forest meets the stream. The forest in the riparian zone provides shade for the water to keep it cold, habitat and protects from erosion.

_____ **Zone** = the underwater area. The quality of this water depends upon the two zones listed above.



Find the Panel, “Who Takes Care of Oregon’s Forests”

How many millions of acres of forestland are there in Oregon?

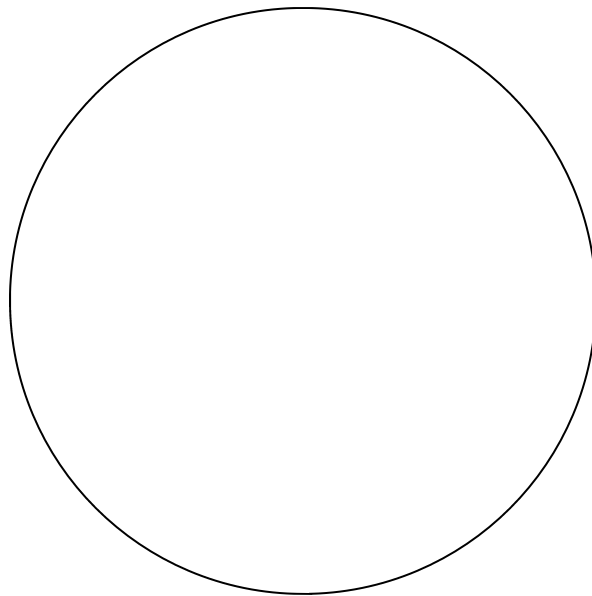
What percent is managed by public agencies?

What percent is privately owned?

Which agency owns the largest of all landowners?



Fill in the Pie Chart and label each section to represent who owns Oregon’s forests and the percentage of each landowner



Play the “Forest Challenge Game”

Select the ‘Wildlife Habitat’ option. Which choice best represents a forest that is managed for people (products), wildlife (habitat) and the environment?