### **PEAVY'S GIANTS**



#### How old do you think this tree is?

These redwood trees were planted sometime around 1926, when this land was first purchased by the College of Forestry to create Peavy Arboretum: a botanical garden devoted to trees from all over the world. These trees are no older than 90 years old (in 2020). A redwood. A redwood can live for 2000 years. In proportion to a human lifespan of 80 years, these trees would only be 4 years old!

## Do you know why it is called the "Peavy" Arboretum?

This arboretum is named after George Peavy. Dean of the School of Forestry from 1913-1940, President of OSU from 1934-1940 and mayor of Corvallis from 1947-1951.

George Peavy started with just an idea. He wanted his students to have a living



laboratory
where they
could learn
about trees and forests.
That little idea became
the Peavy Arboretum and
grew into the 7000 acres
of the McDonald Forest!

Let's have fun and stay safe!

### **Activity!**

#### Can you find a cone?

Redwood cones are about the size of an olive! This is a very small cone and the seeds inside are is even smaller!

Isn't it amazing that something so tiny has grown into one of the world's largest tree species?



# PEAVY'S GIANTS (A)



Growth Ring

A tree makes a new growth ring every year. Count the growth out how old

this tree is

### **Activity!**

#### Can you find a redwood sapling?

These trees are just a little bit taller than you. These are baby redwoods!

Touch the Redwood's tree bark. How does it feel?

Bark acts like the skin of the tree and protects the tree, just like our skin protects our insides! You can learn how old a tree is by counting the growth rings. The tree produces a new growth ring every year.



The wood towards the center of the tree is dead but still provides structural support

#### Dead Bark

Bark protects the inside of the tree (from insect and fungal attacks for example)

### Cambium Layer

Trees grow from this layer of living wood, just underneath the bark

### **Activity!**

### How big do redwoods get?

Cross the forest road safely to the big grassy area. Have your whole group hold hands in a circle.

Approximately 15 -20 people holding hands in a circle simulates how wide the biggest redwoods are!



Follow the trail to the next stopping point



..THE DARK FORES