

# What I Learned About Trees

by Ashlei Carlson 11/29/07

A water shed is water that falls to the the bottom of a valley, or if there are two tall mountains and there is a big low gap between them the water will fall into the gap because the water has nowhere to go, that's called a water shed.

Plants reduce the risk of an asthma attack, because, plants breath in carbindyoxide and breath out oxygen and humans breath in oxygen and breath out carbindyoxide.

Trees can increase the value of your home by 15% to 16%. Trees are also a part of our ecosystem. The ecosystem is an interacting system of living and non-living things. A variety of living things is called biodiversity. There are 4 things that pretty much all living things do they are.

Eat; living things can eat and drink it's part of what keeps them alive.

Reproduce; living things can sometimes reproduce into one or more of a human, trees, plants or flowers.

Breath; all living things have to breath it's very vital.

Grow; all living things grow no matter how big or small they are.

Trees are a plant with a long life span, tough cell walls they have a single trunk that will achieve greater heights than shrubs at maturity structure. To find the length of the roots you times the height of the tree by 2 and a half feet. There are 5 layers of wood from the inside out they are the heartwood, the sapwood, the cambium, the phloem and the outer bark.

The roots of the tree absorb water and minerals and then carry it up to the branches and leaves. The water and minerals make contact with chlorophyll and the air. Trees store water in their trunks, roots and in the branches.

The key to a successful tree identification is #1 the shapes of the leaves #2 textures of the bark and leaves #3 types of leaves there are many #4 leaf arrangement are the leaves alternate opposite or whorled #5 twig clues find as many twigs as you can that you think came from the tree you want to identify #6 fruit flowers are any fruit on the tree #7 the bark what kind of bark is it find out #8 find the overall shape and size of the tree.

The leaf base is where the leaf connects to the branch. The leaf margin is the rim of the leaf there are many kinds of leaf margin. A simple leaf is if there is one leaf on a

stem. A compound leaf is if there is two or more leaves on a stem. The tip of a leaf is the highest point there are three types of tips there are flat tips round tips and pointy tips.

My favorite type of tree is a pine oak I love it so much because it's an evergreen it is pretty all year round it is always green and it never dies.

# The End