

Parts of a Tree

Crown- The leafy part of the tree. This is where the leaves/needles and branches are. It helps filter dust from the air and shades the roots. Leaves collect sunlight for photosynthesis.

Outer Bark- This layer of the tree we can see. This layer protects the tree from animals and weather. Dry dead cells, which protect inner bark.

Inner Bark- This part stores the sugar made from photosynthesis. Alive, "spongy-like" layer.

Cambium – This thin layer holds all of the nutrients for the tree. This layer also grows cells to grow more bark.

Sapwood/ Xylem – Distributes the water and nutrients to the rest of the tree. It is tube-like. Makes everything living beyond the cambium living

Heartwood – The inner most wood of the tree. It is darker than sapwood. When the xylem gets older, it will die forming heartwood. It is also known as the "Dead wood".

Roots – They are the support of the tree. They also take in water and nutrients and stores food (ex. Sugar)