**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, “spongey-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)