

## Plant Life Cycle

Every living thing goes through a life cycle. An organism's life cycle is the series of changes it undergoes as it grows, lives and reproduces. When an organism reaches the end of its life cycle, it dies. Each species of plant has its own life cycle.

Many plants start their life cycle as seeds. When a seed starts to grow, it will push roots down and a single sprout up through the dirt, until it pokes into the air.

Often, this sprout will have two leaves. At this point the sprout needs not only warmth but also light from the sun to grow. Plant leaves use the sunlight to make food. If a sprout continues to get warmth, sun, water and nutrients, it will continue to grow.

As the sprout grows taller, more leaves start to unfold. The plant is now a seedling. Some plants will grow additional stems and leaves.

The plant becomes an adult once it's fully grown. Some adult plants grow flowers, and flowers produce fruit. The fruit from the flower has seeds inside of it, which could grow into more plants. The new plants will look very similar to their parents, and will grow into the same kind of plant. When the new seed starts to sprout, it's the beginning of a new life cycle.