



**Seed:** Plants begin as a seed and in order to grow the seed must first germinate. Germination is what happens to a seed that has been dormant (asleep) and with enough sunlight, water and warmth it will sprout.

**Root:**

Once germinated, a root develops and grows down into the soil. Roots are like straws and absorb the water and nutrients a plant needs from the soil.

**Adult plant:**  
This is shows a fully grown sunflower that's flower is in bloom.

**Life cycle of a sunflower**

**Adolescent plant:**

The plant stem has grown wider and taller, and more leaves have grown. The sunflower flower bud has started to develop and open up, and the plant is beginning to mature.

**Baby plant:**

The sprout will grow into a baby plant or seedling. It starts with little leaves, then grows new ones (true leaves) that look different to the others.

**Sprout:**

You will know your seed has sprouted when you can see a little green shoot pushing up through the soil.

