

AgriAware

EDUCATE • ADVOCATE • ENGAGE



▶ ALL ABOUT PLANTS



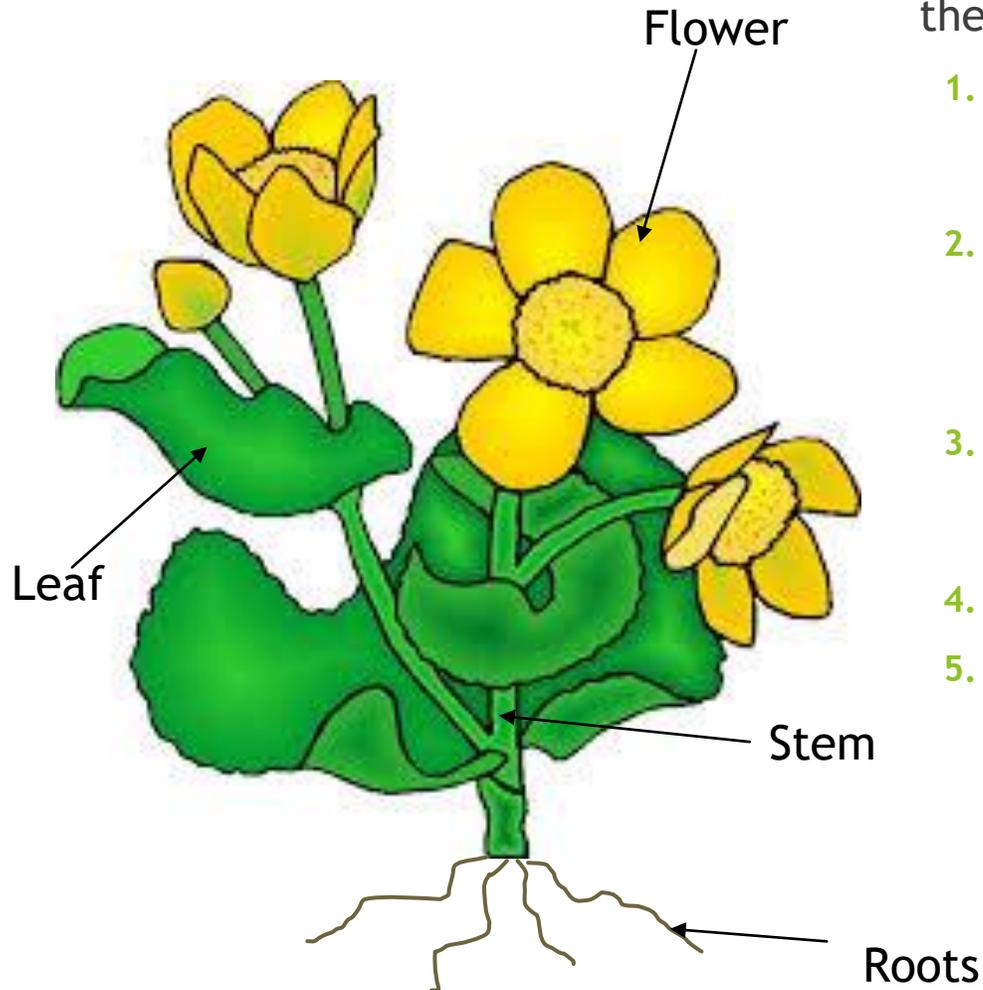
PARTS OF A SEED

- ▶ Seeds develop into plants which we use for food
- ▶ Seeds need **WATER**, **AIR** and **WARMTH** to grow
- ▶ They also need all their parts to grow
 1. **Seed Coat**: This is on the **OUTSIDE** of the seed. It protects the seed from harm
 2. **Embryo**: This is the part which will grow into the plant. It has a small leaf and root for when the plant starts to grow
 3. **Endosperm**: This contains the **FOOD** needed for the seed to grow





PARTS OF A PLANT



► Plants have many parts which are all needed for the plant to grow and make food

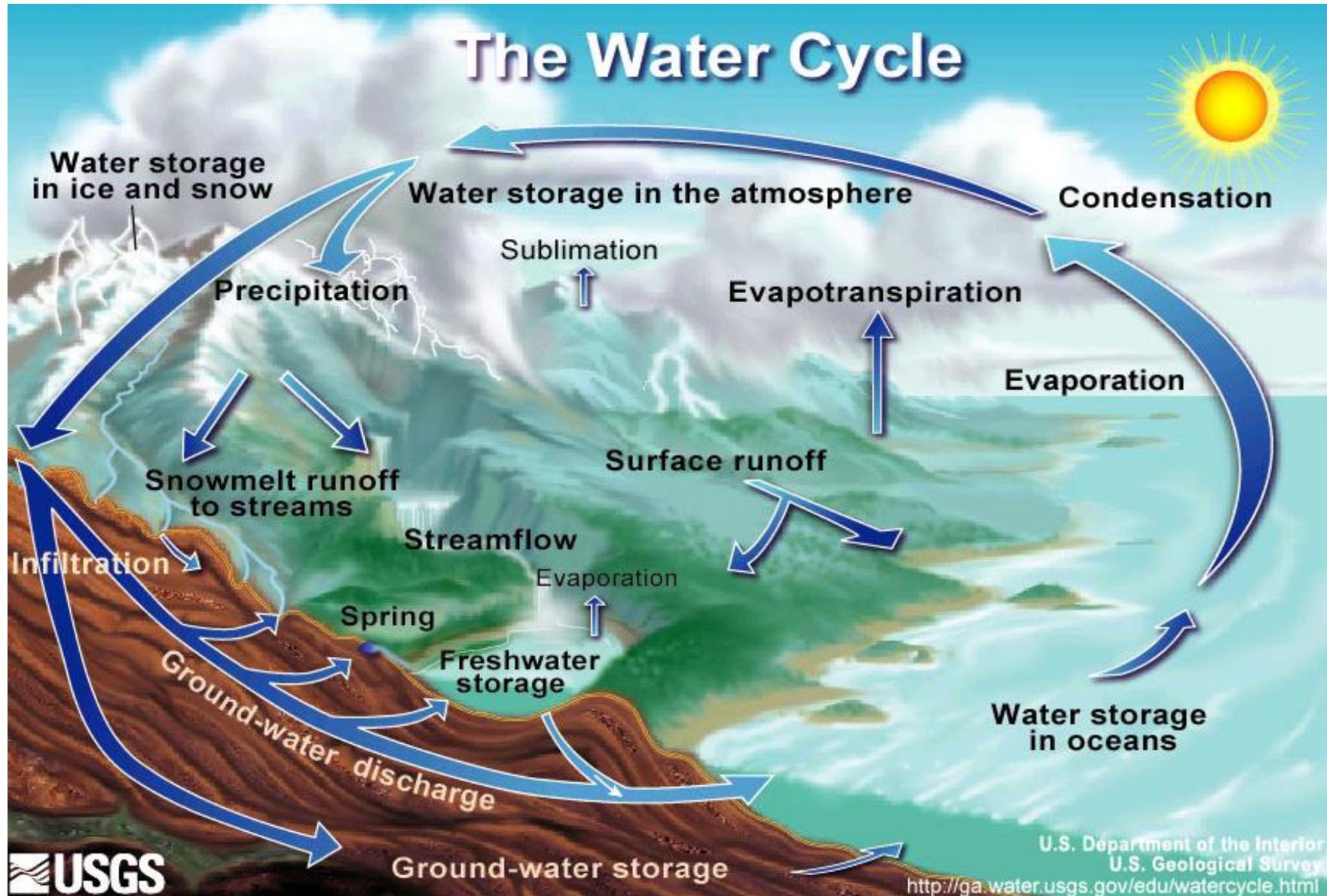
1. **Flower:** The flower is usually very colourful which helps attract pollinators (ex: bees) to the plant
2. **Leaf:** Comes in many different shapes and sizes. It takes in sunlight and carbon dioxide from the air and transforms it into food for the plant
3. **Stem:** The stem helps the plant stand up straight. It also transports food and water to all the other parts of the plant
4. **Seeds:** This has baby plants in them
5. **Roots:** The roots are underground. They help anchor the plant so that it doesn't move. It also takes in water and nutrients from the soil to help the plant to grow



WATER CYCLE

- ▶ The water cycle is very important as it helps the plants we eat to grow
- ▶ **PRECIPITATION** is when it rains or snows
 - ▶ When it rains (or snows) the water goes into nearby water sources (i.e. river, lake, sea) where it is **COLLECTED**
- ▶ The sun **EVAPORATES** this water
 - ▶ The water rises into the sky as moisture droplets
- ▶ This moisture **CONDENSES** in clouds until the cloud becomes too full and it rains
- ▶ The cycle starts over again

The Water Cycle





PHOTOSYNTHESIS

Plants make their own food through a process called PHOTOSYNTHESIS

Plants take in CARBON DIOXIDE from the air

SUNLIGHT provides the plant with energy

The plant uses its roots to intake WATER

Water, carbon dioxide and energy is converted in the plant

The plant produces OXYGEN which is released into the air

It also produces SUGAR which helps the plant to grow



