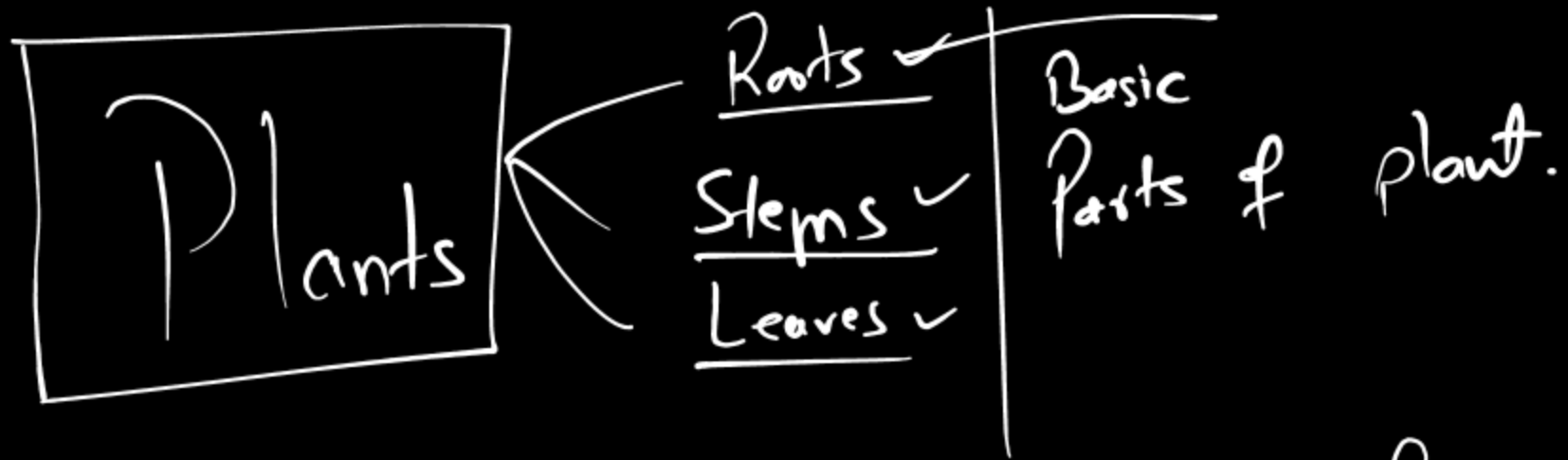


Pollination and Plant Reproduction

Grade 5



Root → absorb water and minerals from soil.
→ Binds the plant with soil.

Stem → Acts as backbone of plant
→ Transport water and minerals to the upper parts of the plant.

Leaves Leaf

It makes food using sunlight, water, carbondioxide and

Chlorophyll } Photosynthesis

Light

→ to make something
→ to produce

green colour
pigments

Only by green leaves

• Even green young stems can perform photosynthesis



Glucose

→ goes to different parts
of the plant.

↳ Extraglucose gets
roots, etc.

deposited in fruits, stems,
Potato is a stem.
sweet potato is a root.



Photosynthesis

Sunlight + Carbon dioxide + H_2O + Chlorophyll
(CO_2) (water)

Glucose + Oxygen gas
(food)

} → important for the survival of all living things including humans.

⇒ Exchange of gases.

⇒ Get rid of excess water

Reproduction in Plants

"A process by which an organism (plant or animal) produces new individual (baby plant or baby animal)."

"This process is called reproduction"

In flowering plants, process of reproduction is performed by flowers.

