

Nova's Plant Power Flashcards

Learning objective: To identify and describe the functions of different parts of flowering plants and understand what plants need for life and growth.

Read the question on the front of the card. Think of the answer before checking the back. Use these cards to test your knowledge about how plants grow!

Which part of the plant anchors it in the soil and absorbs water and nutrients?

Roots

What does a plant need from the air to help it make its own food?

Carbon dioxide

What is the main job of the stem?

To support the plant and transport water and nutrients from the roots to the leaves

What do we call the process where a seed starts to grow into a plant?

Germination

True or False: Plants need sunlight to grow healthily.

True

What part of the plant produces seeds for reproduction?

The flower

Why are leaves usually green?

They contain a substance called chlorophyll which helps them capture energy from sunlight

What do plants take in through their roots from the soil?

Water and minerals/nutrients

Does a plant need soil to grow?

No, plants need nutrients, water, light, and air, but they do not strictly need soil to grow (though it provides support and nutrients)

What is the name of the part that protects the seed?

The fruit or seed coat

Nova wants to grow a bean. Name two things she must provide for it.

Any two of: light, water, air, or room to grow

How does water travel from the roots to the rest of the plant?

Through tubes in the stem