

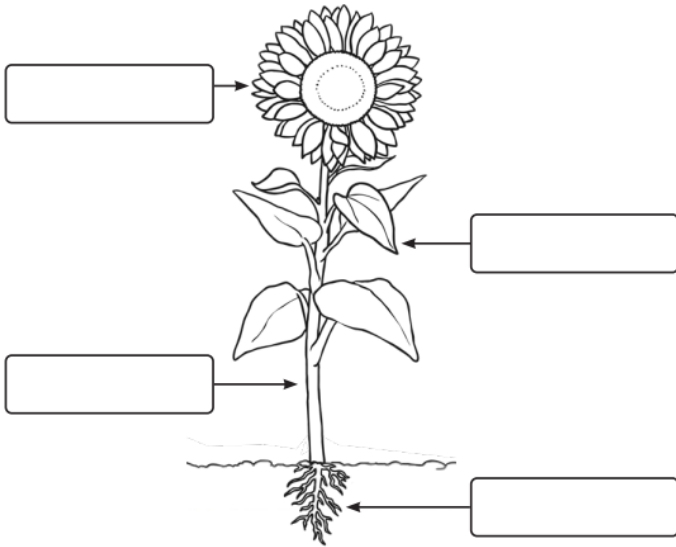


What Do Plants Need To Grow?



1) What are the main parts of a plant?

Label the parts of this plant.



2) What do the parts of a plant do?

Write the function of each of these plant parts.

- 1) The stem _____
- 2) The flower _____
- 3) The roots _____

Where is the food made in the plant?

Circle one:

Petals Leaves Roots Stem

3) What does a healthy plant need?

Name two things that a plant needs to be healthy.

- 1) _____
- 2) _____

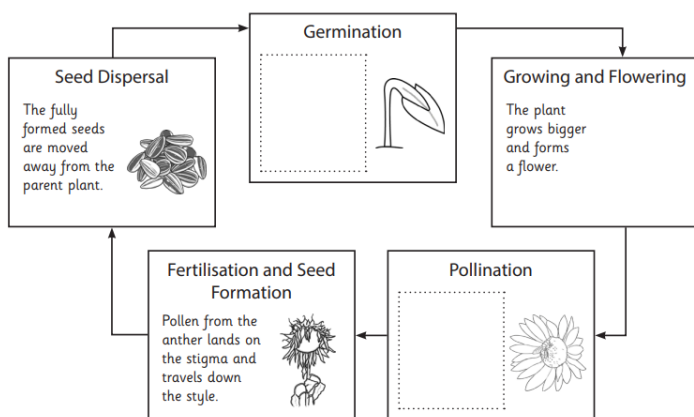
4) How does a plant make its food?

Name the process that plants need to make food:

Can you draw a diagram to show what happens?

5) What is the lifecycle of a plant?

Complete the diagram.



6) How do plants ensure their survival?

Name two ways that seeds can be dispersed.

- 1) _____
- 2) _____

Why do plants disperse their seeds in this way?

Books to read at home

- From Seed to Plant
- The Big Book of Blooms

Home Learning Ideas

- Grow a plant of your own.
- Dissect a plant.

Key Vocabulary

Anther	The part of a stamen that contains the pollen	Stamen	The stamen is the pollen-producing reproductive organ of a flower
Carpal	One of the leaflike, seed-bearing structures that constitute the innermost whorl of a flower	Stem	A slender or elongated structure that supports a plant or fungus or a plant
Filament	The thin stalk that supports the anther in the male portion of the flower	Stigma	A part of a flower that gets pollen from pollinators such as bees
Ovary	Part of the female reproductive organ of a flower	Trunk	The main woody stem of a tree as distinct from its branches and roots
Pollen	Pollen is a fine powdery substance produced by flowering plants, which contains the male sex cell	Photosynthesis	The process by which plants use sunlight, water, and carbon dioxide to create oxygen and energy in the form of sugar
Root	The roots of a plant take up water and nutrients from the soil	nutrients	The substances in food that our bodies process to enable it to function
Sepal	Green, leaf-like structures which enclose a flower bud before it opens	pollination	the act of transferring pollen grains from the male anther of a flower to the female stigma
Investigate	<i>Verb:</i> carry out research or study into (a subject or problem, typically one in a scientific or academic field).	illustrate	<i>Verb:</i> serve as an example of.

* Words in grey are Tier 2 (non-topic specific) vocabulary