



Coleman Primary School

Year 3 Summer 1 Knowledge Organiser

Science—Plants

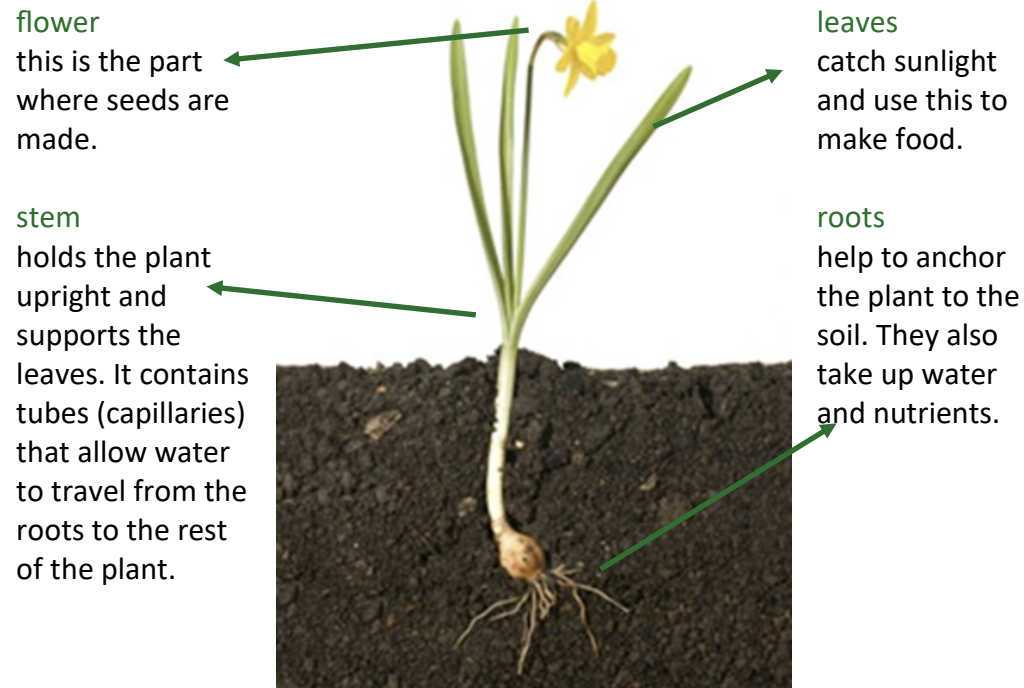
You already know...

- the basic structure of a plant (Y1).
- that plants need water light and a suitable temperature to stay healthy (Y2).
- how seeds and bulbs can grow into mature plants (Y2).

What you will know

- the main parts of flowering plants and their jobs.
- about what plants need to grow.
- about water transportation in plants.
- about why plants have flowers.

Plant parts and their jobs



Scientific Vocabulary: Plants	
carpel: female part of the flower—contains the stigma, style and ovary	pollination: transferring pollen grains between flowers so that new plants can be made
germinate: when a seed starts to grow and produce a root and shoot	seed dispersal: the way seeds travel to a new place so that they can grow
leaves: catch sunlight and use this to make food	sepals: protect the rest of the flower as it grows
life cycle: the stages a living thing goes through during its life	stamen: the male part of the plant which produces pollen
ovary: the part of the flower that contains the ovules which develop into seeds	stigma: part of the carpel that pollen grains attach to during pollination
photosynthesis: how green plants make their own food	veins: tubes in the leaf that carry water and food



Scientific Skill Progression

In Year 2 you were... Asking simple questions and answering them in different ways; performing simple tests; using observation and ideas to suggest answers to questions

In Year 3 you will be... Asking questions and using scientific enquiries to answer them; beginning to set up simple practical enquiries, comparative and fair tests; reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions