

Science Knowledge Organiser Year 2 Summer 2 Growth of plants

VOCABULARY

environment	The surroundings and conditions in which a plant or animal lives.
temperature	A measure of how hot or cold something is.
nutrients	Substances found in soil that help plants to grow and stay healthy.
germination	The process where a seed starts to grow into a plant.
shoot	The new growth from a seed that grows upwards towards the light.
seedling	A young plant that has grown from a seed.
variable	Something that can be changed in an experiment.



A healthy plant might have:

- Lots of fruits or flowers
- A strong thick stem
- Lots of green leaves.



An unhealthy plant might have:

- Fewer fruits or flowers
- Thin, yellowing stem
- Dry, crispy or pale leaves.

What does a seed need to germinate?



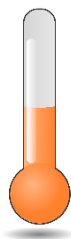
Water + Warmth



Variables for Growing a Healthy Plant



Sunlight



Warmth



Soil with nutrients



Water