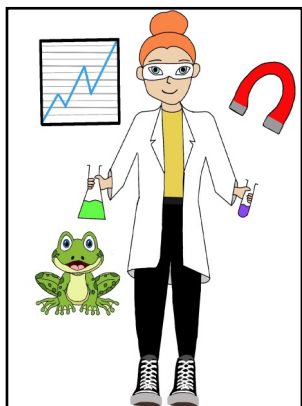




Knowledge Organiser

Year Group:	2	Subject:	Science– Plants	Term:	Summer 1
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Enquiry Question

What makes a plant a living thing?

Substantive Knowledge (key facts)

- Plants need water and nutrients, light, temperature (warmth) and space and time to grow.
- Germination is the name for when a plant starts to grow.
- When a plant germinates it begins to grow a sprout.
- Plants have a life cycle that helps keep new plants growing (seed/bulb – seedling – flowering/fruit)

What should I already know?

- I can identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.
- I can identify and describe the basic structure of a variety of common flowering plants, including trees.
- I know that flowers/plants can be used for food or for decoration (nice to look at)

Concept

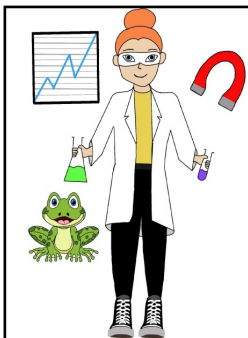


Scientific skills I am practising

- I can observe changes over time.
- I can ask questions about what I notice.
- I can carry out simple comparative tests.

Sequence of learning

1)	Name and discuss a variety of plants and describe the basic structure.
2)	Discuss how seeds and bulbs grow into mature plants.
3)	Observe and describe how seeds and bulbs grow into mature plants.
4)	Observe and describe how seeds and bulbs grow into mature plants.
5)	Observe and describe how seeds and bulbs grow into mature plants.
6)	Demonstrate an understanding of what makes a plant a living thing.



Knowledge Organiser

Year Group:

2

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Science– Plants

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Summer 1

Key vocabulary

Tier 2

Seedling - a young plant grown from seed

Shoot - the part of the plant growing above ground, such as the leaves and stems

Nutrients - something in food that helps people, animals and plants to live and grow

Temperature - the amount of heat in something

Tier 3

Germination - to start or cause to start growth; sprout

Seed dispersal - the way seeds are carried or spread to other places

Photosynthesis - the process by which a green plant uses sunlight to make food