

# In science we are learning about...

## Plants - Growing

### Key vocabulary



- **plant**- a living thing that grows in the earth and has a stem, leaves, and roots
- **seed**- a small object produced by a plant from which a new plant can grow
- **bulb**- the roundish, tear-shaped part of some plants. If you plant a bulb, a flower will grow
- **sunlight**- all plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a little sunlight.
- **temperature**- is how warm or cold something or somewhere is
- **survive**- continue to live or exist
- **soil**- the upper layer of earth in which plants grow
- **germinate**- the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination
- **stages of growth**- 5 stages of plant life cycle. The seed, germination, growth, reproduction, pollination, and seed spreading
- **bud**- a growth on a plant that develops into a leaf, flower, or shoot
- **shoot**- young branch or sucker springing from the main part of a tree or other plant



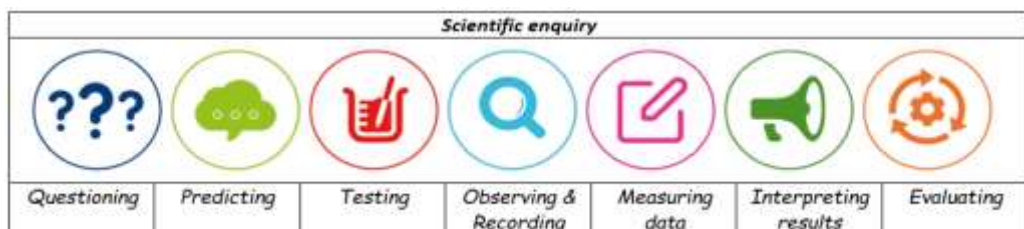
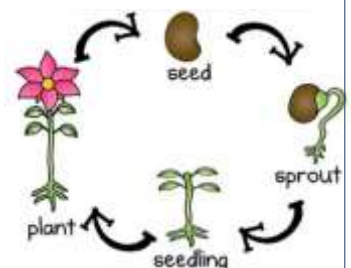
### Sticky knowledge



- To know that When the conditions are right the seed soaks up water and swells and the tiny new plant bursts out of its shell, this is called germination.
- To know that plants make their own food in their leaves using sunlight.
- To know that all plants need water and sunlight to grow.

### Links to previous learning

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants



### Aspirations

- Plant biologist
- Florist
- Gardener



### Characteristics needed for this

#### topic:

- Perseverance
- Curiosity

