Science Knowledge Organiser Year 2 - Plants - The Apprentice Gardener



Question for Learning; What will the seeds grow into?

Key learning;

- Seeds come gram plants and they will grow into new plants.
- Diggerent types of seeds grow into diggerent plants and the same type of seed will produce the same plant

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Grouping & Classifying

Question for Learning; What do Gardeners need to know?'

Key learning;

- Plants need water, light and a suitable temperature to grow and to stay healthy
- Bulbs are not the same as seeds, but they also grow into new plants.



Observing changes over time

Question for Learning;

How should we plant the seeds?

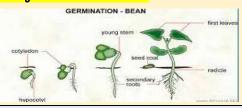
 When planting beans in diggerent orientations it is easiest to see a top and a bottom on broad beans, although it is also possible with some others, such as runner beans.



Observing changes over time

Question for Learning; What is happening to our seeds?

- seeds and bulbs grow into mature plants
- plants have a lige cycle





Question for Learning; How tall will they grow?

 Larger seeds produce seedlings that emerge gaster, are bigger, and have better access to nutrients sources.



Data - bar chart

Question for Learning;

How can we care for our plants?

- unhealthy plants may be lacking in water, sunlight and warmth.
- plants need water and light and a suitable temperature to be healthy



Observing changes over time

Key Words

Plant	Living things that grow from the soil and turn light from the sun into food
Germinate	To begin to grow
Seedling	A young plant grown from a seed
Alive	Having lige – not dead