







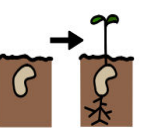



Knowledge Organiser

Big Question: Will a seed grow better in a cupboard or garden?

Key Vocabulary:

Conceptual Science Knowledge – Living things and habitats

Questions for experts:

 seed	 bulb	 light	 shade
 germinate	 grow	 sun	 cool

Observe and describe how seeds and bulbs grow into mature plants.
Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Do all plants need the same things and conditions to be healthy?
How do plants get their food?
What is the difference between a seed and a bulb?

Domain Knowledge: (all facts children will need to access learning)

- Identify and name plants and trees.
- Describe the structure of common plants.

Observing over time



Identify, Classifying & Grouping



Pattern Seeking

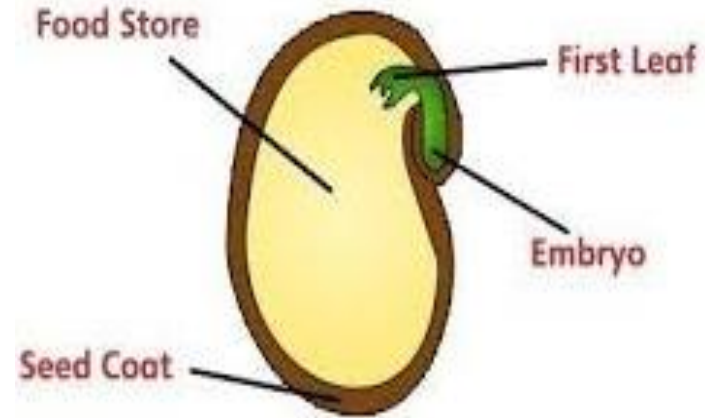


Research Using Secondary Sources



Comparative & Fair Testing





Biology



STEM links to try at home:

Where can this take you in the future?

- Biologist Ecologist
- Botanist Horticulturist



Working Scientifically Knowledge – Research using Secondary Sources

- Observing closely using simple equipment.
- Using observations and ideas to suggest answers to questions.

Try planting a seed at home and measure it to see how tall it grows!
Can you design and make a container you can use to water your plant?

