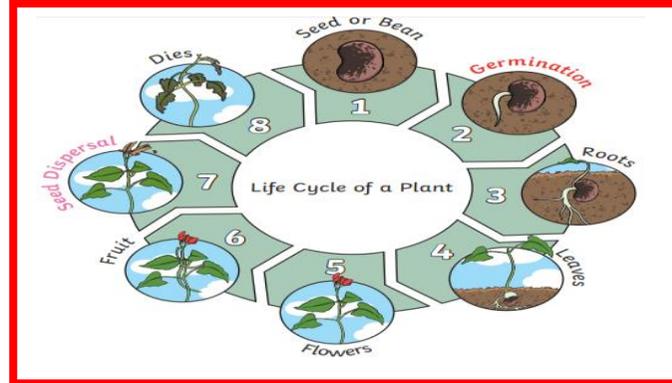




Learning Sequence:

- Name and label the parts of a plant, describing their basic functions.
- Describe how seeds grow into mature plants, match seeds to plants and know where seeds come from.
- Find out about the similarities and differences between fruit and vegetables.
- Investigate a range of fruit seeds and draw a detailed picture.
- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.
- Investigate what will happen to cress in different conditions-making a prediction and recording the results.



Key Skills:

- I can observe and describe how seeds and bulbs grow into mature plants.
- I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Key Vocabulary

What do plants need to grow well?

Sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight, others only need a little.
Water	All plants need water to grow. Without water, seeds and bulbs will not germinate
Temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures, others like it to be warm.
Nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight.

Final Outcome:

To grow cress from seed.



Key Vocabulary

Germination	When the conditions are right, a seed soaks up water and swells. The tiny new plant then bursts out of its shell.
Sprout	When a plant sprouts, it grows new shoots.
Shoot	A shoot grows upwards from the seed or plant to find sunlight.
Seed dispersal	When a seed moves away from the parent plant. This can be by wind or animals.

Key Facts and Knowledge:

- Fruit, vegetables and herbs are all plants that we can eat.
- Fruits grow on trees, bushes or plants.
- Some vegetables grow on plants but others grow underground.
- No fruits grow underground and no vegetables grow on trees.
- Seeds are part of a plant.
- Seeds also make new plants.
- When seeds are small they are called seedlings.
- Plants need sunlight, water, nutrition and a suitable temperature.