



# Knowledge Organiser: Science Year 2 – Summer 1 – V4 2023



## Children will know:

- Describe how plants that have grown from seeds and bulbs have developed over time.
- Identify plants that grew well in different conditions.
- Spot similarities and differences between bulbs and seeds.
- Nurture seeds and bulbs into mature plants identifying the different requirements of different plants.

## Prior Learning Links:

### EYFS – Nursery F1

- Plant seeds and cares for growing plants.
- Begins to understand the effect their behaviour can have on the environment.
- Talks about why things happen and how things work
- Makes simple predictions with support.
- 

### EYFS – Reception F2

- Observes and talks about changes over a period of time.
- Records observations to enable changes to be observed.
- Makes simple predictions with support.
- Shows an understanding of the passage of time through the lifecycle of plants.
- Engages in non-fiction texts
- Listens to and talks about non-fiction books, applying new knowledge and vocabulary.

## Prior Year 1 Learning Links:

### Year 1 – Plants

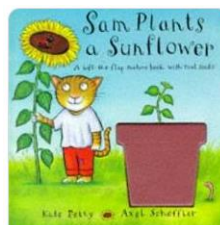
## Working Scientifically

- Identify and labels parts of a plant.
- Make observations on how plants grow and offer explanations.
- Use a Venn diagram to sort and classify seeds in different ways.
- Identify a range of plant seeds using their observations.
- Make basic predictions and explain their reasons.
- Carry out simple tests.

## Key Vocabulary:

- |           |         |          |             |
|-----------|---------|----------|-------------|
| • Leaf    | • Berry | • Branch | • Cool      |
| • Flower  | • Root  | • Stem   | • Healthy   |
| • Blossom | • Seed  | • Bark   | • Germinate |
| • Bud     | • Stalk | • Fruit  | • Climate   |
| • Petal   | • Trunk | • Light  | • Nutrients |
| • Shade   | • Sun   | • Warm   | • water     |

## Reading Recommendations



Carl Linnaeus



George  
Washington Carver



Alexander  
Von Humboldt