



Knowledge Organiser: Science Year 2 – Summer 2 – 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.

Working Scientifically

- Communicate clearly what a plant needs to grow.
- Ask simple questions to investigate.
- Evaluate a test and suggest simple improvements.
- Observe how different plants grow in different climates.
- Record results in a table.

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.

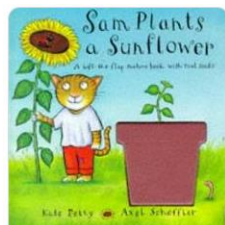
EYFS – Reception F2

- 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.

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

Prior Year 1 Learning Links:

Year 1 – Plants