

# Science Overview – Plants

## Year One

### Summer Term

#### Key Question: What would it be like to live near the sea?

##### National Curriculum

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.
- identify and describe the basic structure of a variety of common flowering plants, including trees

#### SUBSTANTIVE KNOWLEDGE

- 1) Know the key parts of a plant (roots, stem, leaves, petals)
- 2) Know the functions of the key parts of a plant.
- 3) Know that plants can bear fruits and vegetables.
- 4) Know the difference between fruit and vegetables.
- 5) Know the names of some common trees and identify them.
- 6) Know the names of some wild plants and identify them.
- 7) Know the difference between a wild plant and a garden plant.
- 8) Know the names of some garden plants and identify them.
- 9) Know the difference between deciduous and evergreen trees.

#### Key Vocabulary

roots, stem, leaves, flowers, petals, fruit, seed, bulb, wild plants, garden plants, weed, deciduous, evergreen

#### Previous year groups key vocabulary:

#### Disciplinary Concepts

- gathering and recording data to help in answering questions.

#### Enquiry type to cover and enquiry suggestion

##### Observation over time (enquiry type)

Observe the changes that happen after a seed has been planted. Track a plants growth over time.

##### Comparative and fair testing (enquiry type)

Which type of compost grows the tallest sunflower?

#### Learning Milestones /Assessment

I can...

- Name the key parts of a plant and their functions.
- Identify and name some common plants and trees.
- Describe the difference between a deciduous and an evergreen tree.
- Explain the difference between a wild plant and a garden plant.