



Linked learning theme: Where the land meets the sea

Summer Term 2 - Year 2

Science – Plants

Prior Knowledge:

In Y1 children learnt the basic parts of a plant and the names of some common plants.

Core knowledge

- Seeds and bulbs grow and change over time into plants.
- Plants need water, oxygen, light and a suitable temperature to germinate, grow and stay healthy.
- Pollen is carried by the wind /animals from one flower to another (reproduction).
- Leaves provide food and air to help the plant stay healthy and grow.
- Petals attract animals to help pollinate.
- Stems support the flower.
- Roots draw up water and food for the plant.

Key skills

- Ask relevant scientific questions.
- Make careful observations.
- Observational drawing on Woodland walk
- Use some scientific language when reporting on findings.
- Use results to draw simple conclusions.
- Use straightforward scientific evidence to answer questions or support findings.
- Record findings in a simple way.

Vocabulary

seed	water	growth	stem
seedling	sun	reproduce	roots
plant	light	germination	flower
leaves	temperature	height	pollen

Learning outcomes

- I can observe and describe how seeds and bulbs grow into mature plants.
- I can describe how plants need water, light and a suitable temperature to grow and stay healthy
- I can ask simple questions and recognising that they can be answered in different ways
- I can observe closely, using simple equipment.
- I can carry out simple tests.
- I can identify and classify.
- I can use my observations and ideas to suggest answers to questions.