

Plants

Environment

Prior Knowledge

Year 1: Environment (Plants)
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

Year 2: Environment (Plants)
Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.



My Component Knowledge:

Lesson 1: I can demonstrate what I already know. I can create an investigation to find out what plants require to grow.

Lesson 2: I can create an investigation to find out how water travels through plants.

Lesson 3: I can interpret results from an investigation.

Lesson 4: I can identify the parts of a plant.

Lesson 5: I can explain the life cycle of a plant.

Lesson 6: I can explain the growing conditions of a plant.

My Composite Knowledge:

I can understand what plants require to grow and how water travels through plants. I can understand the life cycle of plants, including seed dispersal.

My Powerful Knowledge:

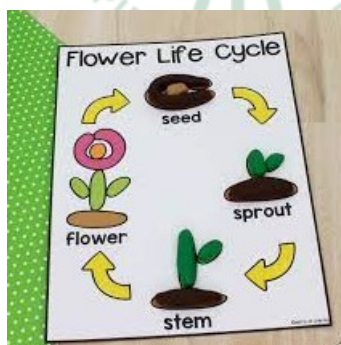
I understand that the life processes of plants. I can set-up, create and interpret results from scientific investigations.

Key Vocabulary

Tier 1: Air, Light, Water, Soil, Plant, Seed, Temperature, Sun

Tier 2: Nutrients, Stem, Leaves, Flower, Roots, Environment

Tier 3: Pollination, Seed dispersal, | Seed formation, Conditions, Fertilisation, Germination



How does water travel through plants?

What do plants need to grow?

What is the life cycle of a plant?

