

Changes (Plants)

What do plants need to grow and change?

Essential/Core Vocabulary

Living - Something that grows and needs food, water and air.
Non-living - Something that does not grow or need food and water.
Seed - The part of a plant that grows into a new plant.
Plant - A living thing that grows in the ground or in a pot.
Grow - To get bigger over time.
Change - When something becomes different.
Water - Something plants need to stay alive and grow.
Sunlight - Light from the sun that helps plants grow.
Soil - The ground where plants grow.
Root - The part of the plant that grows under the ground and takes in water.
Stem - The part that holds the plant upright.
Leaf - The green part of a plant that helps it grow.
Life Cycle - The stages a living thing goes through as it grows.

Links to our core values...

Love - We show love by caring for living things and helping our plants to grow.

Friendship - We work together to plant, observe and care for our bean plants, sharing our ideas and discoveries.

Respect - We respect the natural world by looking after plants and understanding what they need to grow and survive.

Key Knowledge

- Living things grow and change. Non-living things do not grow.
- Plants begin their life as seeds.
- Plants need water, sunlight, air and soil to grow.
- Plants have different parts that help them grow.
- Plants grow and change in stages.
- Plants grow and change over time when they have what they need.

Lesson 1 - Living and Non-Living Things

LO: To identify living and non-living things.

Lesson 2 - Planting a Bean Seed

LO: To know that plants grow from seeds.

Lesson 3 - What Do Plants Need to Grow?

LO: To understand what plants need to grow.

Lesson 4 - Parts of a Bean Plant

LO: To identify the main parts of a plant.

Lesson 5 - The Life Cycle of a Bean Plant

LO: To understand how a bean plant grows and changes.

Lesson 6 - Watching Plants Grow

LO: To explain how plants grow and change over time.

End Point Activity - My Bean Plant Diary

Overview - Children create a simple diary showing the growth of their bean plant over time. They sequence the life cycle of a bean plant, identify the main parts of a plant and explain what plants need to grow using the key vocabulary from the topic.

