

Science Medium Term Plan
Year 2 Summer Term 1

What do plants and trees need to grow healthily?

Link it- what are the main parts of a plant and tree called?

How do we know that a plant needs light, water and soil? (investigation)

What are the names of trees we see in Long Eaton?

How can we find out how old a tree is?

Substantive Knowledge

- Know what a plant needs to grow healthily
- Know how trees grow from a seed
- Identify and name trees that are around them.
- Know what trees need in order to grow and stay healthy (water, light & suitable temperature)
- Know how a habitat provides for the plant

Disciplinary Knowledge

Working Scientifically

Fair testing

Grouping and Classifying

- Investigate condition needed for a plant to grow
- Observe the changes in growth over time

- Classify by living, dead or never lived
- Match living things to their habitat
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Need to know knowledge:

- Know that a plant needs soil, water air and light to survive
- Know that trees are important for the environment
- Know that trees take in carbon dioxide and give out oxygen for us to breathe
- Know how to make a test fair to see what a plant needs to grow

Vocabulary:

(including definitions)

woodland

A habitat for trees and plants where there are lots of trees

germination

Where a seed absorbs water, begins to grow and becomes a plant

survival

To keep living

suitable

Where the conditions are right for growing

bulbs

A large seed under the ground which stores food

	suitable	The right material for it's use

Prior Knowledge:

Early Years

- Exploring and planting bulbs in the garden
- Observing bean growing

Year 1

- Names of trees and plants
- Names of the parts of trees and plants
- Basic function of main parts of plant