



**Stuart Road Academy
Science Curriculum**

Termly Overview

**Year 1 Term 1 The
Enchanted Woodland**

Unit Overview

In this unit, children will develop their knowledge of British wildlife and woodland habitats. Children will observe and identify plants and animals, understand seasonal changes and appreciate the wonder of the woodland.

Knowledge, Skills and Concepts

- Observing minibeasts and plants closely using simple equipment
- Identifying and classifying animals according to habitat
- Ask questions to identify animals in 'Who am I?' game
- 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.
- Gathering and recording data to answer 'In which conditions does a pinecone open?'
- Observe changes over time when a seed is planted.
- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including microhabitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Cross-curricular links

DT – Building a nest or den

Art – Colour mixing to create a picture of an animal

Geography – fantasy maps

Local Science links

Walk in Victoria park

Assessment

The children will be able to:

Make observations of animals and plants.

Identify and classify plants and animals

Explain how and why a pinecone opens in dry conditions.

Engage – Visit to local woodland

Innovate – Woodland party