



ROSE WOOD ENQUIRY DRIVEN CURRICULUM



**How does your garden grow?**

**Year 2 Summer Term 2**

# Rose Wood Academy: Enquiry Driven Learning Overview

Year Group: 2	Enquiry Question: How does your garden grow?	Term: Summer 2
<p><b>Context:</b></p> <p>This enquiry question is intentionally situated in the summer term so the children can see plants in the environment around them. Additionally, the weather conditions allow the opportunity for the children to plant their own sunflower and observe it growing over time. Through this, the children will find out about the three things that a plant needs to grow. The children will look at the different parts of a plant and their role in ensuring a plant grows and remains healthy.</p>		
<p><b>Prior Learning (Direct Pathway)</b></p> <p><b>Science – biology</b> The children will recap looking at a variety of plants and trees in our local area.</p> <p><b>Science – biology</b> The children will recall different habitats where plants and animals live.</p>		
<p><b>Prior Learning (Indirect Pathway)</b></p> <p><b>Geography – map and atlas work</b> The children will recap identifying the United Kingdom and its countries, as well as the continents and oceans.</p> <p><b>Geography – location</b> The children will recall the four countries and capital cities of the United Kingdom.</p> <p><b>Geography – physical processes</b> The children will recap seasonal and daily weather patterns.</p>		

# Rose Wood Academy: Enquiry Driven Learning Overview

PSHE: SCARF – Growing and Changing

Art: Mixed media

Music: Charanga – Reflect, Rewind, Replay

RE: What does it mean to belong to a faith community?

Computing: Computer Science

PE: Complete PE – Team Building

## Enquiry Question?

How does your garden grow?

## Content on direct pathway

Science: Our focus for this enquiry question will be around plants. We will be looking at the different parts of a plant and their role in ensuring a plant grows and remains healthy. Linking to this, we will be investigating the three things a plant needs to grow and survive (water, light and a suitable temperature). Whilst on our trip, we will be looking at the similarities and differences between different plants.

Geography: Using maps and atlas work, we will be completing some fieldwork, marking on maps where in the UK large gardens are e.g The Eden Project.

## Learning Showcase

Create a PicCollage of unusual plants from around the world. Post on the children's portfolio on DoJo.



In our English lessons, we will be focusing on writing a narrative based on the book, 'The Secret Sky Garden' by Linda Sarah. The children will be recapping their learning of using expanded noun phrases to write a setting and character description. We will also be recapping the different sentence types, conjunctions and adverbs.

## **Rose Wood Academy: Enquiry Driven Learning Overview**

### **Knowledge Narrative**

‘Plants grow from seeds and bulbs. They need water, light and a suitable temperature to grow and stay healthy. Plants have different parts that each have different roles: roots, stem, leaves and flowers.’

## Rose Wood Academy: Enquiry Driven Learning Overview






<b>Year Group:</b> 2	<b>Term:</b> Summer 2
<b>Title:</b> How does your garden grow?	<b>Key Focus:</b> Science (Plants)
<b>Project Enhancements:</b> <ul style="list-style-type: none"><li>• Trip to Durham Botanic Gardens</li><li>• Planting</li></ul>	
<b>How can you help?</b> <p>At home, please can you:</p> <ul style="list-style-type: none"><li>• Listen to your child read a minimum of 3 times per week.</li><li>• Learn your spellings and maths fluency facts, ready to be tested on Friday</li></ul> <p>You could also:</p> <ul style="list-style-type: none"><li>• Create a collage of flowers</li><li>• Go on a walk and take pictures of your favourite plants</li><li>• Research different plants in different habitats</li><li>• Create a garden patch at home</li></ul>	

# Rose Wood Academy: Enquiry Driven Learning Overview

## Year 2: Plants Key Knowledge Document



Subject Specific Vocabulary		Prior Knowledge	
<b>roots</b>	It is the part of a plant that is usually hidden under the ground. They make the plant stable and give it nutrients.	<p><b>EYFS:</b></p> <ul style="list-style-type: none"> <li>- Similarities and differences in living things</li> <li>- Features of their own immediate environment and how environments might vary from one another.</li> <li>- Observations of animals and plants and explain why some things occur and talk about changes.</li> </ul> <p><b>Year 1</b></p> <ul style="list-style-type: none"> <li>- There are a variety of wild and garden plants with different names.</li> <li>- There are a variety of common trees with different names.</li> <li>- Deciduous trees lose their leaves in Autumn and evergreen trees keep their leaves all year round.</li> <li>- There are a variety of plants which grow in our local environment.</li> </ul> <p><i>Common misconceptions:</i></p> <ul style="list-style-type: none"> <li>• <i>Plants don't eat or drink</i></li> <li>• <i>Plants aren't a living thing</i></li> </ul>	<h3>Key Knowledge / End Points</h3>
<b>temperature</b>	How hot or cold an object or material is. It is measured in °C.		
<b>deciduous</b>	Deciduous trees are trees that shed their leaves in the Autumn and grow new leaves in the spring.		
<b>evergreen</b>	Evergreen trees are the same as coniferous trees. They do not lose their leaves in Autumn.		
<b>blossom</b>	A flower or bloom		
<b>bulb</b>	The name given to the underground bud from which some plants grow.		
<b>seed</b>	The part of a plant which grows into a new plant.		
<b>trunk</b>	The main stem of a tree, normally covered with bark.		
<b>stem</b>	The stem is the main part of the plant. It supports the weight of the leaves, as well as the flowers or fruit.		
		Naturalists and botanists use science to ...	

Comparative tests	Identify and Classify	Observation over time	Pattern Seeking	Research
What conditions do plants need to grow? (water, light & temperature)	Is it a bulb/seed or not?	What happens to a plant once it has been planted?	What comes first, the root or the shoot? Does it matter which way round you plant a bulb/seed?	
				

## Rose Wood Academy: Enquiry Driven Learning Overview

### Unit Title: How does your garden grow?

Y2  
Summer 2

**End Point - The aim of this unit is for pupils to:**

Understand how to create a plan using an aerial view

**End of unit assessment task:**

Create a simple plan of a garden from an aerial view

**Links:**

Science – Plants/Seasonal Changes

Text – ‘ The Secret Sky Garden’ by Linda Sarah

**Prior Learning:**

- Make a simple plan (Y1)

**Key Aspects of the Unit:**

This unit is predominantly a science based unit but children have an opportunity to make a model of a garden and create an accurate plan based on a bird’s eye view photograph of their model.



**Map and atlas work/Fieldwork and investigation**



**Location**

**Key Knowledge:**

- Recognise that a plan is based on a bird’s eye view
- Know that it is a 2D representation of a 3D place

**Geographical Skills:**

**Mapping:**

## Rose Wood Academy: Enquiry Driven Learning Overview

- Draw a map of a real or imaginary place (e.g add detail to a sketch map from aerial photograph) with own symbols denoting features
- Draw a plan, understanding it's showing a bird's eye view
- Use Digi maps, to locate the Eden Project and other botanic gardens around the UK
- Begin to understand the need for a key
- Use class agreed symbols to make a simple key.

### Fieldwork:

- Use first-hand observation to comment on features/patterns/similarities and begin to measure using standard units
- Engage in teacher-led/guided enquiries: design a new garden area for school

### Vocabulary

Aerial view	A view from above.
plan	A design for something to be made or built.
oceans	A huge body of salty water
continent	A very large area of land that consists of many countries, such as Europe
capital city	The city where the government sits. London is the capital city of England/UK.
map	A drawing of a particular area such as a city, a country or a continent
weather	The condition of the atmosphere in one area at a particular time, for example, if it is hot, raining or cold.



## Rose Wood Academy: Enquiry Driven Learning Overview

### Spiritual

### Social

What social demographic usually garden?  
Gardening is a social activity that all can participate in. We use a range of social skills when gardening.

### Be kind and REAP the rewards

Achievement and pride in looking after their own plant.

### Moral

Is it right to pick flowers and plants in the local environment?

### Cultural

Different cultures use plants in different ways e.g. medicine, food.

**Rose Wood Academy: Enquiry Driven Learning Overview**  
**British Values through EDC**

<b>Democracy</b>	
<b>The Rule of Law</b>	
<b>Individual Liberty</b>	We all have the right to enjoy being outside and our environment.
<b>Mutual Respect and Tolerance</b>	We respect people's views on being vegetarian.