

What I need to know: Y5 Science – Life Cycle of a Plant

We nurture the curiosity to learn, the courage to lead and the compassion to care.

Name:

Class:

For this half term we are learning about the life cycle of a plant, from seed to fertilisation.

What I will know...	✓	Start	End
How life cycles enable species of every living thing to reproduce not die out.		<input type="radio"/>	<input type="radio"/>
What seed dispersal means and how it naturally occurs to enable plants to grow.		<input type="radio"/>	<input type="radio"/>
How to identify the four types of seed dispersal and explain what is involved in each one.		<input type="radio"/>	<input type="radio"/>
How to explain the term germination in relation to seeds		<input type="radio"/>	<input type="radio"/>
How to conduct an investigation about what seeds require to germinate, and what factors affect germination.		<input type="radio"/>	<input type="radio"/>
The different parts of a flowering plant.		<input type="radio"/>	<input type="radio"/>
How to dissect a flower to identify its separate parts.		<input type="radio"/>	<input type="radio"/>
The function/purpose of each part of a flowering plant and how it contributes to its life cycle.		<input type="radio"/>	<input type="radio"/>
Explain the term pollination and why it is crucial for plants to reproduce.		<input type="radio"/>	<input type="radio"/>
Identify the different ways in which pollination can occur.		<input type="radio"/>	<input type="radio"/>
How to explain the difference between pollination and fertilisation.		<input type="radio"/>	<input type="radio"/>
How to explain the process of fertilisation.		<input type="radio"/>	<input type="radio"/>
How to draw and explain the full life cycle of a plant.		<input type="radio"/>	<input type="radio"/>

Skills I may use...	
Remember: name, identify, describe	Analyse: investigate, infer, select, clarify
Understand: predict, recall, interpret	Create: plan, design, construct
Apply: use, show, relate, demonstrate	Evaluate: compare, assess, judge

Vocabulary I need to know...		
1. I have heard the word, but I don't know what it means	2. I understand what the word means	3. I can explain what the word means and give other examples
Life cycle, seed, dispersal, water, insect, explosion, wind, animals. Germination, investigation, prediction, factors. Fair test, plant, method, equipment, plan, test, variable, results, conditions, flowering plant, Petal, Anther, Filament, Stigma, style, Ovary, Sepal, Ovule, Nectary, Receptacle, rhododendron, tulip, Lily, pollen		

Opportunities to support English and maths
<ul style="list-style-type: none"> Using mathematical tables and graphs to record and interpret the results of investigations. Using key terminology to write accurate instructions, hypotheses and conclusions for investigations.

Enrichment
<ul style="list-style-type: none">