

# Spring 2—What would it be like if we journeyed into a forest?

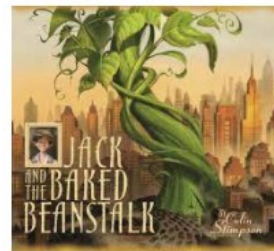
## Key Questions

What should I already know?	<ul style="list-style-type: none"> <li>Plants are a large group of living things that use sunlight to make their own food.</li> <li>There are many different types of plants including trees, vines and grasses.             <ul style="list-style-type: none"> <li>Plants have lots of different parts.</li> </ul> </li> </ul>
What do plants need to grow?	<ol style="list-style-type: none"> <li><b>Sunlight</b> — All plants need light from the sun to grow well.</li> <li><b>Water</b> — All plants need water to grow. Without water, seeds and bulbs will not germinate.</li> <li><b>Temperature</b> — Plants need the temperature to be correct to grow.</li> <li><b>Space and time</b> — Plants need space for their roots and stems to grow. They need time, some plants take days, months or years to grow.</li> </ol>
How do plants grow from seeds/bulbs into plants?	A plant germinates when its seed begins to sprout. Inside a seed/bulb is the baby plant, seeds have a tough layer on the outside to protect the plant. Seeds and bulbs don't need sunlight to grow because they have their own food store. They do need the right conditions to grow!

## Key Vocabulary

<b>germination</b>	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination.
<b>sprout</b>	When a plant sprouts, it grows new shoots.
<b>shoot</b>	A shoot grows upwards from the seed or plant to find the sunlight.
<b>seed dispersal</b>	Seed dispersal is when the seeds move away from the parent plant. They can be moved by the wind or animals.
<b>seedling</b>	A young plant that needs light, temperature, water, space and time to keep growing.

## Literacy key texts



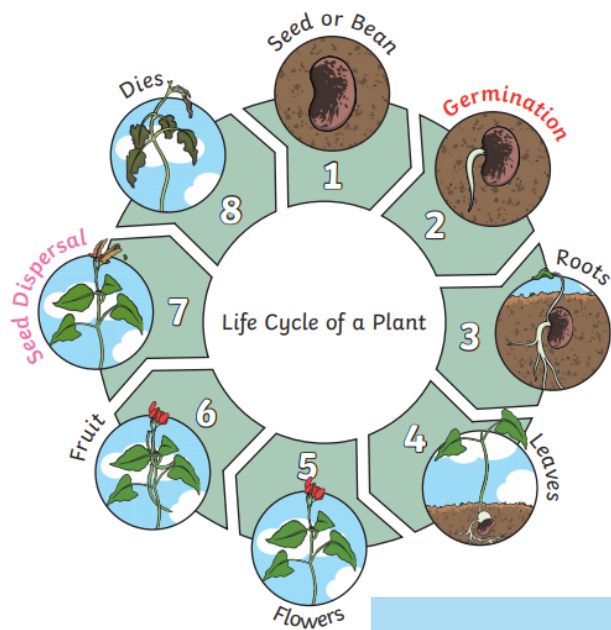
Jack and the Baked Beanstalk



Little Red



Plant the Tiny Seed



## Science

- I know how seeds and bulbs grow into plants.
- I know what plants need in order to grow and stay healthy.
- I can use observations and ideas as well as suggest answers to questions.
- I can perform simple tests.
- I can identify and name animals and their habitats.

## Topic

- I can name the capital cities of England, Scotland, Wales and Northern Ireland.

## Creative

- I can design purposeful, functional, appealing products for themselves and other users based on design criteria.
- I can select from and use a range of tools and equipment to perform practical tasks.
- I can select from and use a wide range of materials and components, including ingredients and textiles.
- I can evaluate a product.

## Maths

- To identify 2D and 3D shapes and their properties.
- To make comparisons between 2D and 3D shapes.
- To recognise fractions of shapes and quantities ( $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{3}{4}$ )
- To recognise the time to the nearest 15 minutes (5 minutes to be working at greater depth standard)
- To solve problems involving the four operations (add, subtract, multiplication and division)

## English

- To recognise the structure of non-fiction texts, in particular the features of an explanation text.
- To listen to, discuss and express views about a wide range of contemporary and classic stories and traditional tales.
- To write a narrative based on a traditional tale.
- To learn how to and apply subordination (using when, if, that, or because) and co-ordination (using or, and, or but).
- To develop an understanding of using commas for lists.