

Sticky Knowledge: Science

Year 2: Twisted Tales (name TBC) Spr 2	
Science Knowledge	Working Scientifically
<input type="checkbox"/> Know and explain how seeds and bulbs grow into plants	<input type="checkbox"/> Use microscopes to find out more about small creatures and plants
<input type="checkbox"/> Know what plants need in order to grow and stay healthy	
<input type="checkbox"/> Observe the growth of a seed into a mature plant using simple equipment and record this, explaining each stage clearly.	<input type="checkbox"/> Know how to set up a fair test and do so when finding out about how seeds grow best
<input type="checkbox"/> To draw and label the stages of the lifecycle of a plant	
<input type="checkbox"/> Know that seeds from a plant can be re-planted to continue their lifecycle	<input type="checkbox"/> Classify or group things according to a given criteria e.g deciduous and coniferous trees
<input type="checkbox"/> Know there are plants that provide medicine for humans, e.g, aloe vera plant	
<input type="checkbox"/> Know that plants give out oxygen and take in carbon dioxide	<input type="checkbox"/> To plan, carry out and record an investigation to test how changing the amount of water, light and temperature affect the growth of a plant
<input type="checkbox"/> Know that humans and plants help each other be alive	

Twisted Tales

Grow a beanstalk – Like Jack did!

Subject Specific Vocabulary	
Pollination	Where the pollen is transferred from the male to the female part of the plant.
Photosynthesis	It happens in the leaves of the plant. It is the process where the plant makes its own food.
Carbon dioxide	A gas that humans breathe out and plants breathe in.
Oxygen	A gas that humans breathe in and plants produce.
Deciduous	A tree or plant that sheds its leaves.
Evergreen	Where a tree or plant keeps its leaves all year round.
Germination	Where a plant grows from a seed or something similar.

Life Cycle of a Sunflower



Sticky Knowledge about Twisted Tales

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- To draw and label the stages of the lifecycle of a plant
- Know that seeds from a plant can be re-planted to continue their lifecycle
- Know there are plants that provide medicine for humans, e.g, aloe vera plant
- Know that plants give out oxygen and take in carbon dioxide
- Know that humans and plants help each other be alive

Exciting Books

