Science: Plants
Year 2 Autumn 1

Key Vocabulary

Light	The natural agent that stimulates sight and makes things visible.
Shade	Comparative darkness and coolness caused by shelter from direct sunlight.
Warm	Of or at a fairly or comfortably high temperature.
Cool	Of or at a fairly low temperature.
Space	A continuous area or expanse which is free, available, or unoccupied.
Grow	Undergo natural development by increasing in size and changing physically.
Healthy	In a good physical or mental condition; in good health.
Bulb	A rounded underground storage organ present in some plants, notably those of the lily family, consisting of a short stem surrounded by fleshy scale leaves or leaf bases, lying dormant over winter.
Germinate	Begin to grow and put out shoots after a period of dormancy.
Shoot	A young branch or sucker springing from the main stock of a tree or other plant.
Stem	The main body or stalk of a plant or shrub.
Seedling	A young plant, especially one raised from seed and not from a cutting.

Why don't you…

Pick two plants, monitor them and see which one grows quicker?

Plant your own herb garden?

Write a description of a plant you can find in your garden, then get someone else to try and guess what plant it is?

Create a Venn diagram to show the things that animals and plants need to survive?

Website links

https://www.bbc.co.uk/bitesize/topics/zpxnyrd

https://www.bbc.co.uk/programmes/articles/Mf5rhbTkHLZ3fbJzScyDvC/primary-science-plants

Enquiry Questions

- What would happen to a plant with no water?
- Can any plants survive without water?
- What do plants and animals both need to survive?
- How long does it take for a seed to grow?
- What is the difference between a seedling and mature plants?
- Do all plants thrive in the same climate?
- How many plants in your garden are mature plants?

Science Concepts

Changes - The act of something becoming something different.

Process - A series of actions or steps taken in order to achieve a particular end. The process of increasing in size.

Scientific Knowledge

- Observe and describe how seeds and bulbs grow into mature plants.
- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.
- Identify and name a variety of plants and animals in their habitats, including microhabitats.
- Describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.

Scientific Skills

- asking simple questions and recognising that they can be answered in different ways.
- observing closely.
- using simple equipment.
- performing simple tests.
- identifying and classifying.