Science

Plants

Key Question:

Do bigger seeds grow into bigger plants?

Our Knowledge Organiser

Key Learning

Year: 2 Term: Summer 2

Questions: Do bigger seeds grow into bigger plants?

Curriculum Area: Science: Plants

Background information including prior knowledge):

Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

Identify and describe the basic structure of a variety of common flowering plants, including trees.







Key Content:

- 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.

Key Questions

Do bigger seeds grow into bigger plants?

Do all plants need the same conditions to grow?

Are all seeds dispersed the same way?

What is the life cycle of a dandelion?



Key Vocabulary



leaf	A flat green part of a plant or flower that grows from the stem.
flower	The part of the plant that produces seeds. Every flower is different in colour, smell, shape and size.
blossom	The blossom is the flower part of any plant or tree.
fruit	A food that grows on a plant that contains seeds inside
berry	Small fruits that contain many seeds. E.g. blueberry
seed	The part of a plant which can grow into a new plant.
trunk	The main woody stem of a tree.
stem	A part of a plant that sits above ground. It allows water and nutrients flow up from the roots to the leaves.
bark	The covering of the stems of woody plants like trees.
bud	A small growth on a plant that develops into a leaf, flower or shoot.
dispersal	To spread or scatter the seeds from the original plant or flower
bulb	A plant that begins to grow underground
mature	To grow and produce flowers





Reading Starter:



Hello children, *buzz!*

My name is Billy and I am a bumblebee. My favourite thing to do is to visit flowers to collect nectar. I really like visiting gardens that have lots of colourful flowers.

I would really like to plant some seeds which will grow into flowers and my friend (who is a gardener) sent me some posters to show me what I need to do. However, when I was flying, I dropped the posters and now they are all muddled up – I can't even read the numbers on the posters to help me put them back into the correct order.

I have heard that you are all very clever and helpful children, so I'm hoping you can help me. Please can you put the posters back into the correct order?

Maybe you could check the sequence by planting some of your own seeds! My friends and I might come to visit your garden too, once your seeds grow into colourful flowers!

Thank you for your help,

Billy the Bee *buzz!*

How to Grow a Plant

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Set your plant pot by a window for sunlight.

How to Grow a Plant

You will need:

- Seeds
- Soil
- Plant Pot
- Watering Can



How to Grow a Plant

2



Sprinkle your seeds onto the soil.

How to Grow a Plant

7



Soon your plant will start to grow.

How to Grow a Plant

1



Fill half your plant pot with soil.

How to Grow a Plant

6



Water your seeds regularly.

How to Grow a Plant

4



Use the watering can to dampen the soil.

How to Grow a Plant

3



Pour more soil over the seeds.

Let's plant some seeds!!!!