

## Knowledge Organiser Science Year 2 How plants grow

### What do plants need to grow?

Some plants grow best in full sun.



Some plants grow best in the shade.



Some plants need lots of water.



Some plants don't need much water.



### What does a plant need to stay healthy?

Light



Water

Space

A suitable temperature

### Key Vocabulary

<b>seed</b>	Part of a flowering plant that grows into a new plant.
<b>bulb</b>	A root shaped like an onion that grows into a new plant.
<b>germinate</b>	When a seed begins to grow its shoots. Seeds need warmth and water to germinate.
<b>seedling</b>	A young plant that has grown from a seed.
<b>bud</b>	Growth on a plant that develops into a stem, leaf or shoot.
<b>flower</b>	The part of a plant which is often brightly coloured and grows at the end of a stem.
<b>fruit</b>	Fleshy part of a plant that contains seeds or a stone.
<b>root</b>	The part of the plant that grows under the ground.

### Plants can grow from seeds and bulbs

**Seeds**



**Bulbs**



Seeds and bulbs germinate and grow into seedlings



Seedlings then grow into mature plants



Tuesday 20<sup>th</sup> April 2021

Pre-Assessment- How Plants Grow

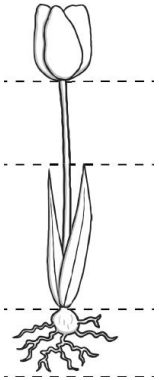
1) Can you name four different parts of a flowering plant?

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2) Can you name 3 common plants that grow from bulbs?

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3) What conditions do most plants need to grow?

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4) Can you name two foods that we eat that are seeds and two foods that we eat that are bulbs?

Seed

Bulb

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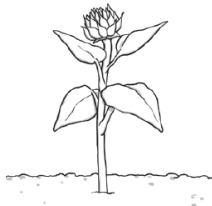
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5) Can you order the words below to show the life cycle of a plant?



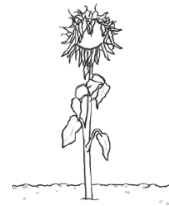
flower



sunflower plant



seed



seeds fall

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