



# Science – Young Gardeners Knowledge Organiser - Coleman Primary School (Year 2 Summer 1 and 2)

## In Year One you were...:

- Performing simple tests
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions

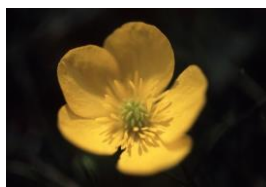
## Naming flowers



**Daffodil**



**Daisy**



**Buttercup**

Plants, flowers and vegetables can grow from seeds or bulbs



**Sunflower!**

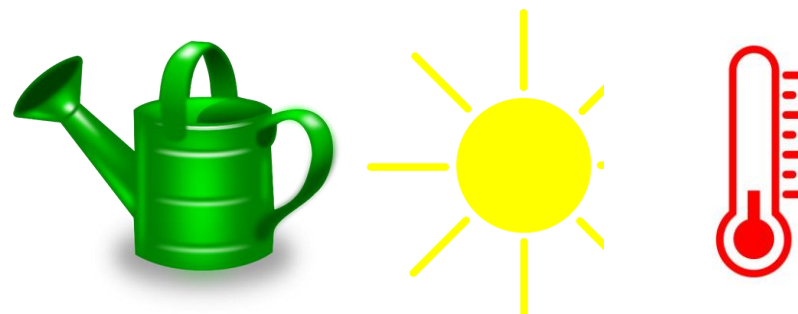


**Bluebell**

## You will learn .....

- \*To know the names of 5 flowers daffodil, daisy, buttercup, sunflower and bluebell
- \* To know flowers, plants and vegetables can grow from seeds or bulbs
- \*To know seeds need water air and warmth to help them grow healthily
- \*To know seeds need water and the right temperature to germinate.
- \*To know seeds do not need light to germinate
- \*To know plants need light to grow healthily
- \*To know a bulb is next years plant inside the bulb

## What seeds and plants need for germination?



Seeds do not need light to germinate but they need light to grow healthily.

## Vocabulary

Bulb	The round underground part of the plant that contains food for the plant eg onion bulb, daffodil bulb.
Germinate	This is when a seed begins to grow, using its stored food, and put out roots and shoots.
Root	The part of the plant that grows downwards, it gets water from the ground, and holds the plant in place.
Stem	The stem is usually the upper part of the plant and it can have branches, leaves and flowers

## Key Words:

Annual, compost, flower, fruit, germinate, germination, healthy, leaf, plant, root, seed, seedling, soil, stem, vegetable, materials

## Recycling to create plant pots



## How bulbs grow?



## In Year Two you will ....

- Ask simple questions and recognise that they can be answered in different ways
- Observe closely, using simple equipment
- Gather and record data to help in answering questions