

All subjects will be taught discretely, making links to other areas of learning where appropriate. These links will be to prior learning and to other subject areas to give knowledge meaning and context.

## ICT

Programming: Learning what an algorithm is and why we use them in computer programming.

## RE

Pupils consider what is a 'calling' and what was Jesus' special role. There is a focus on how beliefs affect how Christians live their lives, which Christians may explain to children in terms of the command to 'love one another'.

## DT

Wheels and Axles:  
Identifying what mechanism makes a toy or vehicle move forwards and that in order for a wheel to move it must be attached to an axle. The learning about wheels and axles will be applied to make our own moving vehicle.

## Prior Learning:

Don't forget to ask your children about what they can remember about what they have learned in previous half terms. For example – ask them to make a quiz using the knowledge mats we send home, design a poster about a unit of work they have covered before.

## PE

Athletics: focusing on running, jumping and throwing  
Games: Developing our passing skills and teamwork

## PSHE

Our work this half term will focus on Healthy Me. We will be looking at how to make a healthy choice, including our diet, being active, keeping ourselves safe such as medicine, road and water safety.

## Music

We will be looking at the style of Reggae. We will be learning to find the pulse, rhythm and pitch. The unit will also develop our performing skills as we learn to perform the song 'Zootime'.

## How can you help?

- Ask your child about their learning in school.
- Be aware of what your child is accessing online.
- Quiz your child on vocabulary or knowledge from their knowledge mats.

# Settlements and Local Area Yr. 1/2

## What should I already know?

### Key Vocabulary

<b>neighbourhood</b>	The area that surrounds your home
<b>county</b>	A region in Britain that has its own local government
<b>town</b>	A built-up area of buildings and shops
<b>local</b>	A particular part of an area or neighbourhood



- My school is in Roberttown
- What type of house I live in
- I live in Yorkshire
- Towns and countryside are different
- My journey to school



### Key places

- Roberttown School
- Surrounding cities, Leeds, Bradford, Huddersfield
- Saltaire Village

### Sticky Knowledge

<b>office</b>	A building used for a place of work
<b>route</b>	A way from one place to another

Map symbols



An urban area has lots of people living there

<b>building</b>	A structure that has a roof and walls
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Town cities and are all urban areas

<b>map symbol</b>	A small picture on a map that shows you where different things are e.g. a bus stop
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Rural areas are the countryside, villages and hamlets  
An ordnance survey map can help people find their way around a local area

<b>settlement</b>	A place where people live
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I can describe where I live and the surrounding features

<b>Kirklees</b>	Area in West Yorkshire
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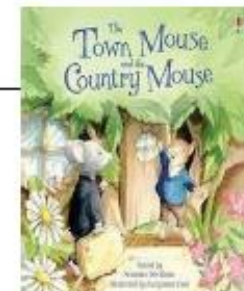
I can use a map to show my route to school and other local landmarks.

<b>address</b>	Where someone lives
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- Yorkshire Sculpture park
- Industrial museums in Leeds and Bradford

### Exciting books and websites

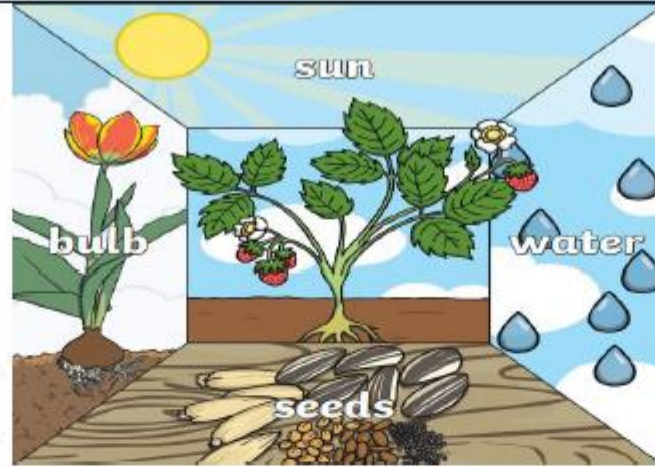
- [www.welcometoyorkshire.com](http://www.welcometoyorkshire.com)
- [www.googlemap.co.uk](http://www.googlemap.co.uk)



# Science - Plants

## Key Vocabulary

<b>Roots</b>	Roots take in water and nutrients from the soil and keep the plant in the ground.
<b>Stem</b>	The stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers.
<b>Leaves</b>	Leaves catch sunlight to help the plant to make its own food.
<b>Flowers</b>	Flowers attract insects and birds.
<b>Petals</b>	Petals are the colourful part of the flower.
<b>Fruit</b>	Fruit contains the plant's seeds. Sometimes humans try to grow fruit without seeds because it's easier to eat.
<b>Seeds</b>	Seeds grow into new plants.
<b>Bulb</b>	Bulbs grow into new plants.
<b>Germination</b>	When the conditions are right, the seeds soak up water and swells, and the tiny new plant bursts out of its shell. This is called germination.
<b>Sprout</b>	A shoot grows upward from the seed or plant to find sunlight.
<b>Seed Dispersal</b>	Seed dispersal is when the seeds move away from the parent plant by wind or animals.



## Sticky Knowledge

Plants are living things. All plants need light from the sun to grow. Some plants need a lot of sunlight. Some plants only need a little sunlight.

All plants need water to grow. Without water, seeds and bulbs will not germinate.

Temperature is how warm something or somewhere is. Some plants like cooler temperatures and some like warm temperatures.

Plants make their own food or nourishment in their leaves using sunlight.



## What should I already know?

A wild plant grows where it falls. It doesn't need to be planted or cared for where it grows.

Garden plants are plants that people choose to grow in their garden.

Weeds are wild plants that grow in places where people don't want them.

A deciduous tree loses its leaves each year.

An evergreen tree keeps its green leaves all year round, even in Winter.



## Plant Life Cycle

