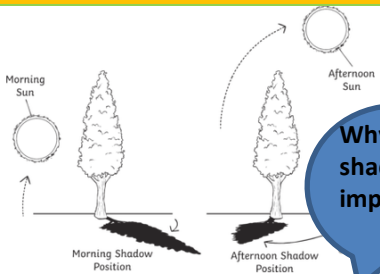


Science

Light

Key Vocabulary	
light	A form of energy that travels in a wave from a source.
light source	An object that makes its own
dark	Dark is the absence of light.
reflection	The process where light hits the surface of an object and bounces back into our eyes.
reflect	To bounce off.
reflective	A word to describe something which reflects light well.
ray	Waves of light are called light rays. They can also be called beams.



Why are shadows important?

We will learn about how light travels, how shadows are made and changed and how useful reflective surfaces are.

Forces and magnets

Key Vocabulary	
magnet	An object which produces a magnetic force that pulls certain objects towards it.
magnetic	Objects which are attracted to a magnet are magnetic. Objects containing iron, nickel or cobalt metals are magnetic.
magnetic field	The area around a magnet where there is a magnetic force which will pull magnetic objects towards the magnet.
poles	North and south poles are found at different ends of a magnet.
repel	Repulsion is a force that pushes objects away. For example, when a north pole is placed near the north pole of another magnet, the two poles repel (push away from each other).
attract	Attraction is a force that pulls objects together. For example, when a north pole is placed near the south pole of another magnet, the two poles attract (pull together).

Key Knowledge

Different surfaces create different amounts of friction. The amount of friction created by an object moving over a surface depends on the roughness of the surface and the object, and the force between them.

The driving force pushes the bicycle, making it move.

Friction pushes on the bicycle, slowing it down.

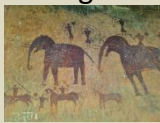
Art and Design

Still life drawing – using a range of strategies to create life like drawing of fruit and vegetables. Using observational drawing.



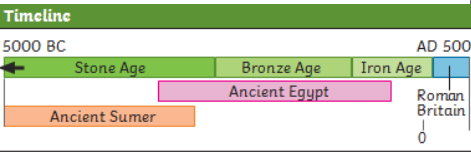
- Vocab
- Sketch
 - Pressure
 - Shading
 - Tone
 - Dark
 - Light
 - Modelling
 - graphite

Cave paintings – looking at examples inspired from the Stone Age.



Humanities

Stone Age



Roundhouses

- a. thick thatch
- b. door
- c. wattle
- d. daud
- e. timber frame
- f. upright loom
- g. hearth (fire)
- h. beds
- i. logs for sitting on

Why are hillforts important? Can you name one?



Key Vocabulary	
bronze	A metal alloy made from a mixture of copper and tin. It is a much harder and more long-lasting material than stone or copper alone.
alloy	A metal made by combining two or more metals to improve its properties.
bone marrow	The substance inside bones, which is high in fat and a good energy source.
earthwork	A large bank or mound of soil that has been made on purpose.
Celt	A modern term for the people living in Europe during the Iron Age. The 'Celts' were made up of many different tribes. The word 'Celt' comes from a Greek word.
sacrifice	To give something up, break it or kill it as an offering to a god or gods.
tribe	A group of people, often related through family, culture and language, usually with one leader.
iron	A metal that is stronger and harder than bronze.

ICT

Databases

A branching database is used to categorise groups of objects

What is data?

Key Vocabulary

Branching database

A computer simulation is a program that models a real-life situation. They let you try things out that would be too difficult or dangerous to do in real life.

Database

A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.

Question

Something that is asked or written to try and gain information.

Data

Facts and statistics collected together for information.

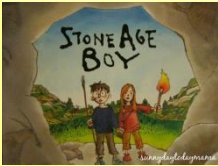
Simulations

Are programs that model a real life situation. You can try things out that can be dangerous in real life

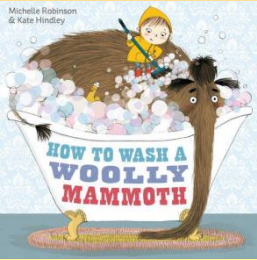
Literacy

Stone Age Boy –
adventure story to
explore clear and
effective description.

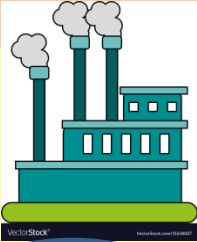
**Ottoline and he
Secret Room –**
mystery story – learning
about creating suspense.



Instruction writing
Non-fiction writing
where the children will
learn to use paragraphs
to section ideas, use
technical vocabulary,
use language to explain
clearly and use effective
description.



**Letters of
Complaint**
The children will
learn to format a
letter; use persuasive
language to argue a
point.



What words do
you know that
start with sub?

Spelling focus:

Explore the prefixes sub, tele, super, auto. Homophones
Suffixes – ness and ful.

Vocabulary –Antlers, Archaeologist, Cave painting, flint,
flint knapping, grindstone, skinning,

Mathematics

Key Vocabulary
numerator
denominator
unit fraction
non-unit fraction
equivalent
halves
thirds
quarters
fifths
sixths
eighths
tenths

Recognising Fractions

$\frac{3}{8}$

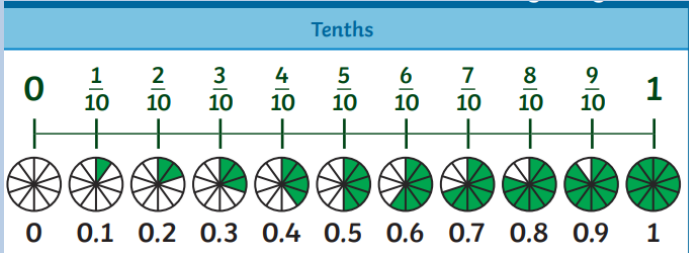
Numerator
How many equal parts of the whole are needed?

Denominator
How many equal parts are in the whole?

Comparing Fractions

$\frac{1}{3}$ **Less than** $\frac{2}{3}$

$\frac{4}{5}$ **Greater than** $\frac{3}{5}$



Fractions of Amounts

$\frac{1}{4}$ of 24 = 6



Can you find $\frac{1}{4}$ of 32?
What equipment could
you use to help you?

Equivalent Fractions

$\frac{1}{2}$ is equal to...

$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$

$\frac{1}{4}$ is equal to...

$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20}$

Religious Education

**Community
Core vocabulary**

calendar, seasons, journey, liturgical, ordinary
time, feast day, Our Lady

Key Questions

How events mark the journey through the seasons
of the year?
How we can help one another in life's journey?



**Eucharist
Core vocabulary**

listening, sharing, Eucharist, Mass, gathering, Liturgy of
the Word, Liturgy of the Eucharist, Holy Communion,
Good News, ambo

Key Questions

What is so important about listening and sharing?
What is the cost of listening and sharing?



**Lent/ Easter
Core vocabulary**

self-giving, courage, Ash Wednesday, Holy Week,
prayer, fasting, alms giving, Easter – New Life,
Resurrection, Sorrowful Mysteries

Key Questions

Why are people brave and courageous?
What does it mean to give yourself to others?