

As Scientists: Light

Recognise that we need light to see things and dark is the absence of light
Notice that light is reflected from surfaces
Recognise that light from the sun can be dangerous and where are ways to protect their eyes
Recognise that shadows are formed when the light from a light source is blocked by a solid object
Find patterns in the way shadows change

Key Knowledge:

- Know that dark is the absence of light
- Know that light is needed in order to see and is reflected from a surface
- Know and demonstrate how a shadow is formed and explain how a shadow changes shape
- Know about the danger of direct sunlight and describe how to keep protected

As Historians

A study over time tracing how aspects of national history are reflected in the locality

Key Knowledge

- Know how the local area has changed over time
- Identify significant periods that are significant to the local area
- Identify significant events and people from the past

As Computer Programmers:

Pupils should be taught how to navigate a keyboard. This will include understanding the correct way to sit at the keyboard, learn how to use the home, top and bottom row keys, to practice and improve typing with both the left hand and the right hand.

Key Knowledge:

To understand typing terminology and differentiate between the rows.

**Learning Challenge –History
Does Middleton have a past?**

Our half term work has a History Focus

WOW Moment! Middleton from the past
Celebration: Local area walk and visit to the museum

As Historians we will be answering these questions:

- LC1- Why local history is important.
- LC2- Who was Edgar Wood? What did he design?
- LC3- How has Middleton changed over the last 200 years?
- LC4- Which local buildings have survived in Middleton?
- LC5- Boarshaw Primary School – Past and present

As Mathematicians:

Fractions

- count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
- recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- recognise and show, using diagrams, equivalent fractions with small denominators
- add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$]
- compare and order unit fractions, and fractions with the same denominators
- solve problems that involve all of the above

Mass and capacity

- how to use scales
- how to measure, compare, add and subtract mass and capacity

As Language Specialists:

Speak in sentences, using familiar vocabulary, phrases and basic language structures.

Key Knowledge:

- Name and describe people, a place and an object.
- Have a short conversation, saying 3 to 4 things
- Give response using a short phrase
- Start to speak, using a full sentence

As Artists:

To create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art

and design techniques, including drawing, painting.

Key Knowledge

Use a range of sketching techniques to draw and paint.



As Musicians:

Listen with attention to detail and recall sounds with increasing aural memory.
Play and perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression

Key Knowledge:

Use musical words to describe a piece of music and compositions.

As Citizens: Keeping Myself Safe

Key Knowledge:

Recognise the different risks in different situations and then decide how to behave responsibly, including sensible road use, and judging what kind of physical contact is acceptable or unacceptable.
Recognising the harm that can be caused by alcohol and cigarettes.
Learning how to help others to stay safe and understanding the role of a volunteer.
Begin to understand the value of money.