

MEDLOCK PRIMARY SCHOOL  
In Summer 1 Year 5 will be learning . . .

### English

This half term, we will be focusing on Migration as a theme, through the use of many different texts. Children will be exploring why people migrate, making links to previous topics covered throughout the year. They will create explanation texts and focus on creating balanced arguments, ensuring they present two sides of an argument. In Guided Reading, children will continue to explore narrative through the text: The Island at the End of Everything.

### Computing

This term, the children will be learning to code and that Coding is the language used to instruct computers. They will begin to understand that all the browser we all use are all made with code – it's simply computer programming. They will use a range of different programming languages, through the use of Education Coding website. Children will move onto creating their own programme and sharing them with the class.

### Humanities (History and Geography)

Children will be focusing this term on migration. They will be making links with the Viking topic that they explored last term and demonstrate a deeper understanding of why the Vikings decided to migrate to other countries. They will explore how and why people choose to migrate today. Children will begin each session looking at position of Ardwick within Manchester and then Manchester within the North West, looking at and discussing both physical and human features, which they will be expected to identify on a range of maps.

### Design Technology

In Design Technology, we have been working in groups to design and make our own Viking longships. Children will be given a brief which will be to make a Viking longship which is historically accurate. It needed to be: watertight, able to float, balance, hold 10 playmobil men, attractive to look at with a sail, oars and shields. They will research real and model longships and come up with their own designs. They will need to consider the tools and materials they have available, then as a group they will decide on their final design.

### PE

This term, children will consolidate their existing skills and build onto them. They will be expected to show control and quality when they plan, use and adapt strategies, tactics and compositional ideas for individual, pair, small group and small-team activities. They will be expected to develop and use knowledge of the principles behind the strategies, tactics and ideas to improve their effectiveness. Whilst also applying rules and conventions for different activities and have a clear understanding of why physical activity is good for health and well-being.

### Maths

Children will be exploring position and movement. They will be naming and plotting points on a grid before moving onto the translation of a shape. They are then required to describe the movement of a shape on a grid as the first step in describing reflections. They will also focus on conversion of length, weight and capacity.

### Science

Children will continue to focus on the topic of 'Properties and Changes of Materials'. Children will be expected to understand what makes materials thermal and electrical conductors and insulators whilst being capable of identifying materials that are soluble or insoluble in water. They should be prepared to follow instructions to separate mixtures, identify irreversible changes and predict what will happen in an investigation. They will create an enquiry where they will gather, record and explore their results.

## Science Key Vocabulary

<b>Permeable</b>	Having pores or openings that permit liquids or gases to pass through.
<b>irreversible</b>	Not able to be undone or altered.
<b>reversible</b>	capable of being reversed so that the previous state or situation is restored.
<b>Conductor</b>	An object made of a conducting material will permit charge to be transferred across the entire surface of the object.
<b>insulator</b>	A substance or device which does not readily conduct electricity.
<b>filter</b>	To pass (a liquid, gas, light, or sound) through a device to remove unwanted material.

## Key Information



## Migration: Key Vocabulary

<b>settlement</b>	Refers to the action of people coming together to live in an area.
<b>Migration</b>	The movement from one region or place of habitat to another.
<b>Immigrant</b>	Is a person living in a country other than that of his or her birth.
<b>Emigrate</b>	Is the travelling of long distances in search of a new habitat.
<b>Fertile</b>	Can refer to the ability of soil to sustain plant growth
<b>Inhospitable</b>	not friendly or generous : not showing hospitality, providing no shelter or sustenance an <b>inhospitable</b> environment.
<b>Tolerance</b>	Is when you accept others who are different in their race, culture, habits, and even beliefs.

## Key Question -Websites/Media

Properties of Materials	<a href="https://www.sciencekids.co.nz/gamesactivities/materialproperties.html">https://www.sciencekids.co.nz/gamesactivities/materialproperties.html</a>
Properties of Materials	<a href="https://wowscience.co.uk/resource/material-properties/">https://wowscience.co.uk/resource/material-properties/</a>
Properties of Materials Quizzes	<a href="https://www.educationquizzes.com/ks2/science/properties-of-materials/">https://www.educationquizzes.com/ks2/science/properties-of-materials/</a>
Revision and quizzes	<a href="https://wordwall.net/en-gb/community/materials/properties">https://wordwall.net/en-gb/community/materials/properties</a>

## Key Question -Websites/Media

<b>Migration</b>	<a href="https://www.youtube.com/watch?v=hMAS4SdPj-w">https://www.youtube.com/watch?v=hMAS4SdPj-w</a>
<b>British Values</b>	<a href="https://www.youtube.com/watch?v=bIC1fb5OqMA">https://www.youtube.com/watch?v=bIC1fb5OqMA</a>
<b>Migration Facts</b>	<a href="https://kids.britannica.com/kids/article/Human-Migration/353465">https://kids.britannica.com/kids/article/Human-Migration/353465</a>