

MEDLOCK PRIMARY SCHOOL

In Autumn 1, Year 2 will be learning about Hot and Cold Places.

English

Firstly, we will be looking at the traditional tale, 'Hansel and Gretel' and will be writing our own version of this story. We will be looking at traditional African stories linked to our theme. We will look at character and setting descriptions and writing our own story.

Computing

We are learning what coding is this half term, and finding out about algorithms. We also will be learning how to stay safe online.

Humanities (History and Geography)

We will be using an atlas to explore continents, oceans, countries and cities. We will be researching a city in Nigeria called Legos and comparing this to the City of Manchester. We will explore the weather in different environments by looking at hot and cold places in relation to the equator. As well as this, we will compare different environments such as city, village, desert, mountains, oceans, beach, arctic and countryside.

Art and Design

We will be using lines, patterns and shapes to draw African animals and patterns.

Design Technology

During theme, we will be creating dioramas of different environments.

PE - Invasion games:

This half term we will be taking part in outdoor invasion games such as netball and basketball. This will support our coordination and gross motor skills.

Trips and Visits

We are going to go on a local walk to look at features of Manchester city and we will also be visiting Central Library for a story time about Manchester.

Maths

This year, we will be using the PA approach to our maths. We will begin by learning about number and place value. We will also be learning about addition and subtraction this half term.

Science

Our science topic for this half term is materials. We will be looking at materials, their properties and why certain materials are used for specific objects. We will be exploring prominent scientists and their inventions.

Science Investigation Language

Fair test	What we keep the same
Prediction	What we think will happen
Conclusion	What happened in our test
Equipment	Items used for our test
Method	How we deliver a test

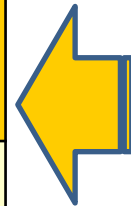


Science Key Vocabulary

Properties	Brittle, soft, stretchy, stiff, bendy, malleable, waterproof, absorbent, transparent, opaque
Material	Wood, plastic, glass, metal (such as gold, silver and and copper), water, rock, oil, rope, rubber

Key Information

Weather	Sunny, cloudy, rain, hail, thunder, lightening, snow, sleet, fog and wind.
Environments	City, village, desert, mountains, ocean, beach, arctic, rainforest and countryside.
City	Buildings, people, schools, shops, entertainment and vehicles.
Countryside	Fields, farms, canals, hills, woodland animals, plants, grass and trees.



Humanities Key Vocabulary

Continent	A section of land made up of countries
Country	A section of land made up of cities and more rural areas
City	A part of a country which is heavily populated with buildings and people
Population	The amount of people who live in an area
Ocean	A large body of water surrounding continents
Equator	Imaginary line that splits Earth

Research

Can you find the following landmarks in Manchester:
Town Hall, Manchester Museum, John Rylands Library and
The Vimto Monument?

Find examples of different materials around your home and
local area.