

MEDLOCK PRIMARY SCHOOL

In Autumn 1 Year 1 will be learning . . .

English

We will be learning the vocabulary needed to label the furniture in a house and produce an information booklet. We will retell the story of the three little pigs, and we will learn to follow and write instructions.

Philosophy:

We will be focusing on listening to each other and responding with 'I agree...' or 'I disagree'
We will be practising creating our own big questions too.

Computing

This term in computing we will be learning about the different parts of a computer and their function. During exploring time, we will also develop our computational thinking skills, focusing on Algorithms. We will look at instructions and this will be the foundation of our work on coding.

Art and Design

In DT we will be learning about freestanding structures and designing our own freestanding dolls house. We will need cardboard boxes so it would be great if you could save some.

PE

During this term the children will be learning the skills needed for attack and defence games. [PE kits are required in school on Wednesday and Thursday for all PE classes](#)

History

We will be learning about what it was like living in Victorian times and how homes have changed over time, including how we keep clean and the toys we play with.

PSHE

We will be introducing zones of regulation to the children and talking about managing feelings. We will be practicing using strategies for self regulation too.

RE

In RE, we will learn about Christianity and what Christians believe. In the Spring term we learn about Islam.

Maths

We will be focusing on number fluency within 20 this half term. This will include counting within 20, place value within 20 and addition and subtraction within 20.

Science

This half term we will be focusing on materials. We will learning about the names of different materials and their properties e.g. waterproof or see through. We will be sorting objects in different ways, including into man made and natural objects.

Science Key Vocabulary

man-made	made by human beings
natural	existing from nature
waterproof	not allowing water to go through
absorbent	able to soak up water easily
metal	a material which is usually hard and shiny e.g. iron.
plastic	a man-made material used to make lots of packaging.
see-through	a material that you can see other objects through it.

Trips and Visits

A trip to Elizabeth Gaskell's house linked to our History unit.

Websites/Media

Play games that sort materials at <https://wordwall.net/en-gb/community/materials/sorting>

More games and lessons at BBC bitesize <https://www.bbc.co.uk/bitesize/topics/zrsgk7>

Key Computing Vocabulary

Algorithm - A set of instructions given to a computer to solve a defined task.

Buttons - A button is any graphic on screen that can be used by the user to trigger a response or event in the program.

Robots - An automated machine that can perform its function with little to no human intervention.

Program - A set of ordered operations for a computer to perform, usually written in the form of code.



Research

Why do computers use Algorithms?
What are some things they can do with them?