

MEDLOCK PRIMARY SCHOOL In Autumn 2 Year 6 will be learning . . .

English

This half term we will use the book *The Watertower* to write suspense narratives. We will then move on to look at non fiction writing and write non chronological reports on Deserts using the knowledge from our Geography. In reading we will continue to use *Holes* to develop our understanding of what we read and the way that writers use different devices.

Computing

In computing the children will develop their understanding of e-Safety. They will also continue to work on developing their understanding of coding.

Humanities (Geography)

This half term we will be learning about different biomes with a focus on Deserts. The children will learn about where the world's deserts are located, what they are like and about the plants and animals that can be found there.

Design Technology

This half term we will be looking at mechanisms including pulleys and gears. We will look at how these are used in different toys, in particular off road vehicle toys. We will then work towards designing and making models of these according to who the product would be for.

PE

During this term the children will be focused on basketball and netball. **PE kits are required for all PE classes**

Spanish

This half term we will learn facts about the city of Spain, ask for a ticket, give directions around a town, describe a city, buy an item and ask for a price and to describe a festive jumper.

Music

We will be learning to play a known tune on a range of tuned instruments going on to create our own variations of the tune, as well as singing in 2 and 3 part harmonies.

RE

Christianity will be the focus for the first half of the term discussing, 'What does it mean to be a Christian in Britain today?'

Maths

This half term we will focus on fractions, decimals and percentages. We will also focus on properties of shapes in geometry. We will practise and secure understanding of measurement involving volume, capacity, mass, length and money. We will apply the understanding to word problems.

Science

This half term we will learn about 'Living Things & Habitats'. We will learn how living things are classified into broad groups according to characteristics and based on similarities and differences, including micro-organisms, plants and animals. Also, to give reasons for classifying plants and animals based on specific characteristics.

Science Key Vocabulary

classification	Classification is the word we use to describe the process of observing a living thing and deciding which group it belongs to, based on its key characteristics.
species	Species refers to a group of similar organisms that are able to reproduce.
genus	A genus is a rank in the biological classification (or taxonomy).
kingdom	A kingdom is a territory or group of people ruled by the same monarch.
micro-organisms	Microorganisms, or microbes, are a diverse group of minute, simple forms of life that include bacteria, algae, fungi, protozoa, and viruses. Microorganisms are too small to be seen with the naked eye.
invertebrates	Invertebrates are animals without a backbone or bony skeleton.
vertebrates	Vertebrates are animals that have a backbone inside their body.

Humanities Key Vocabulary

climate	The weather found in a certain place over a long period of time is known as the climate.
biome	Biomes are areas of the planet with a similar climate and landscape, where similar animals and plants live.
adaptation	An adaptation is a characteristic of a living thing that helps it survive in its environment.
equator	The Equator is an imaginary line around the center of the Earth, dividing it into the North and South Hemispheres.
longitude	Lines of longitude run in a north-south direction.
latitude	Lines of latitude run in an east-west direction across Earth.
desertification	Desertification is the expansion of desert into the surrounding areas.