

ICT

Using the 'Espresso Online' scheme, children will develop their coding skills and learn to design and write programs that accomplish specific goals, including controlling or simulating physical systems. They will start to use sequence, selection, and repetition in programs and work with variables and various forms of input and output. They will be able to develop their logical reasoning to explain how a simple algorithm works and to detect and correct errors in algorithms and programs

Art/Design Technology

In Art this term the children will design their own hieroglyphs, first sketching and then painting over these. They will then move on to creating their own cartouche which the Ancient Egyptians used to decorate in accordance with the wealth of the person they were burying.

PE

For the first half of the term the children will be working on Health related fitness including activities like the Copper Run and Bleep test. We will also be looking at how a healthy diet can help lead a better lifestyle. For the second half of the term, the children will be working on their netball skills. We will look at passing, shooting and working as a team. They will then compete in a House tournament at the end of the term where they can put these skills into practice.

English Martyrs RC Primary School



Year 6



Topic Map - Spring Term 2019



Literacy

This term the children will use our topic '**Ancient Egypt**' to inspire their written work. They will write an adventure narrative to include a flashback concentrating on using dialogue to advance the action, vivid descriptive language and advanced punctuation. We will then write a biography about Howard Carter, the famous archaeologist and Egyptologist, or Tutankhamun, the 18th Dynasty Pharaoh. We will then practise our instructional writing skills to inform our readers how to mummify a body! Throughout all of our written work, we will be ensuring that we use the correct punctuation, sentence structure and spelling!

Numeracy

We will start the term by consolidating all place value knowledge to ensure we can place 7 digit numbers on a number line, round numbers to the required degree of accuracy and use negative numbers in context. We will be able to identify place value in 3 decimal place numbers and multiply any number- including decimal numbers- by 10, 100,1000 etc. We will practise solving number and practical problems that involve place value, rounding and negative numbers. We will be able to multiply and divide numbers with up to 4 digits by 2 digit number. We will revisit fraction work to ensure that we are confident to compare order and calculate with fractions (including multiplication and division). We will be able to calculate percentages and solve number problems that include percentages. We will measure areas and perimeters and develop the understanding that area is a measurement of covering and is measured in square units; perimeter is a length, measured in mm, cm, m or km. Finally we will recognise that shapes with the same area can have different perimeters and vice versa. We will be able to add and subtract mentally with confidence. Much of this term will involve revision of topics previously covered within the KS2 curriculum, but we will aim to deepen understanding so that key Maths skills can be applied to practical problem solving and reasoning.

Science

Pupils will build on the work on light in year 3, exploring the way that light behaves, including light sources, reflection and shadows. By means of practical, hands-on experiences they will be able to recognise that light

appears to travel in straight lines and explain that objects are seen because they give out or reflect light into the eye. They will be able to explain why shadows have the same shape as the objects that cast them.

RE

We begin the term with our 'Christmas' unit and will compare the different Gospel accounts of the Birth of Christ, seeking to suggest reasons why there were differences in these Gospels. The children will consider the impact of the birth of Jesus on the shepherds, King Herod and the Wise Men. They will explore the meaning of 'The Word' in the Prologue to St John's Gospel. We will then progress to the 'Revelations' unit in which the children will discuss and explore the conversion of St Paul and the apostolic traditions of the church.

History/Geography

We will explore Ancient Egypt and discover more about the lives of ordinary Egyptians in 3000 BC. We will discuss why the Nile River was so important to the lives of the Egyptians and how this river contributed to the development of the nation. The children will compare images of ancient and modern Egypt and discover how the landscape and daily life has changed since 3000 BC. The children will explore the pyramids and the ancient tombs of the Kings and Queens of Egypt and discuss the theories about how the pyramids were actually constructed. They will find out about the famous archaeologists who discovered the treasures of Egypt and investigate the artefacts that they found and what these told us about the Egyptian way of life and their gods. We will find out about mummification and the rituals associated with death in Ancient Egypt.

Note :

This leaflet provides a very broad outline of the topics which are planned for this term. Some adjustment may be necessary as the term progresses.

We recognise that every child progresses at a different rate in different subjects. These individual needs are built into the teachers' differentiated planning.