

Science

This half term, we will continue with the topic, Humans and other animals. We will cover the following objectives:

Explain that the heart acts like a pump. Understand that the blood is pumped to all parts of the body. Understand that my blood passes through the heart twice during each circulation (double circulation). Explain that the blood collects oxygen from the lungs and in exchange gets rid of carbon dioxide (respiration). Describe the structure of the lungs.

Explain what happens when we breathe in and out. Describe the functions of the different components of blood, e.g. carrying oxygen, fighting infection & clotting. Explain that there are three types of blood vessels: arteries, veins and capillaries. Understand that there are different blood groups.

Maths

Topics will include:

- Understanding and using ratio and proportion
- Developing understanding of fractions, decimal and percentages
- Interpreting and constructing information from a range of graphs

We will be completing weekly arithmetic tests in preparation for SATs and daily times table practice.

French

Notre Monde: Our World. Children will find out about the Congo River and geographical features of the countries it flows through. They will learn how to say what the weather is going to be like. They will use their knowledge to plan an exploration of an imaginary river and present their journey to an audience. The children will be expected to demonstrate a high level of independence and an ability to adapt pre-learned structures.

Topic: The Maya

Key Questions

- Why do we study the Maya in history? Who were they? When did they live?
- How did the Maya empire grow so rapidly?
- If the Maya were so civilized, why then why did they carry out human sacrifice?
- How can we possibly know what it was like for the Mayans, over 1000 years ago?
- How did life differ for different people in the height of the Mayan civilization?
- Can we solve the riddle of the decline of the Maya?
- What have the Mayans ever done for us?

PE

The focus in PE this half term will be gym, led by a qualified instructor. PE will be on Mondays and Tuesdays. Please ensure your child has the correct kit in school.

Creative development

We are looking at Soviet revolutionary art or Constructivism. Art that fights back. We will be using our research in History about the decline of Mayan civilization due to Spanish invasion and creating a 2 colour printed revolutionary poster in a Constructivist style.

ICT

We will continue to learn about computer programming and coding. As always, we will continue to use ICT to enhance learning in a range of subjects.

English

This half term, we are studying discussion texts.

We will begin by considering what makes a good discussion text before planning, drafting and writing our own.

We will complete daily spelling, punctuation and grammar activities in preparation for SATs.

We will continue to read a range of texts in Guided Reading and begin to practise more SATs style questions.

RE

Our topic is: Am I always right? We will think about why rules are in place, whether they are fair and how they affect us. We will then study the rules of two differing religions and consider whether we could live by them before thinking about reasons for conflict in the world.

PSHE

Our topic is: Growing and Changing. We will consider how emotions change as we get older and how to deal with these. We will explore feelings and fears about transition to secondary school and how to manage these. We will explore feelings of 'loss' and how to cope with this.

We will conclude the topic by discussing why it is important to have aspirations and how to achieve them.

Year 6 – Spring 1 2017