

Mathematics Mastery

Children will begin reasoning, rounding and solving problems with 6 digit numbers and Roman numerals. We will apply mental calculations to large numbers up to 1 million. We will also work with factors, prime numbers, units of measurement and written multiplication and division methods.

Science

Physics

Our topic this autumn term is Electricity and for our first half term we will understand what electricity is and how it works. Our investigations will include floating plastics using static electricity, using a Van de Graaff generator, and an introduction to circuits. During the half term, children will be introduced to scientific planning methods. Year 5 will be focussing particularly on variables.

Humanities - Geography

Pupils will collect information about rainforests to use in a report. Year 5 will learn how rainforests fit within their wider geographical locations in reference to physical features and identify them on maps. We will learn about the water cycle and why water is such a valuable commodity. Furthermore, pupils will consider life on earth without rainforests and ways in which they have been both improved and damaged by humans.

Digital Citizenship

Year 5 will understand the features of managing a personal account, logging in, saving documents, office 365 and looking after IT equipment. We will also be explaining how to remain safe while using computers and the Internet including social networks. The majority of our half term will be spent learning how to touch type and type fluidly. This will then end with a timed type up challenge!

Expressive Arts

During Art

For drama we will role play around creatures from the rainforest, working on our performance skills with other year groups every Tuesday. In Music we will call and response songs and experimenting with sounds and continuing to build our skills in Samba drumming.

This half term we are asking 'Why should the rainforest be important to us all?'



Enrichment Activities

For PSHE we will be discussing current issues within our tutor groups and working with new children. Children will spend time on Friday afternoon each week sharing their news, experiences and anything they wish in order to develop confidence in public speaking as well as a mini debate session. We will be going on a joint trip to see The Lion King with Year 4. At the end of this half term, we will have a week of Pathways activities, developing our skills for life including a day meeting pupils from other schools, following our interests in workshops with experts.

French

We will speak French daily in Fast French. We will be revising topics such as number and colour and building them into sentences as well as learning new vocabulary.

Literacy

Our focus text this half term will be 'The Great Kapok Tree' by Lynne Cherry. It is a fable from the perspective of the creatures in the rainforest to a man who is threatening their habitat. We will use our humanities knowledge to re-write the tale from the perspective of other elements affected by rainforest. We will also be writing an explanation text to answer our challenge question.

Reading

We are reading every day for pleasure in class. Please encourage as much reading as you can. To help comprehension, please use the questions at the back of the reading books. We will also be sending home a list of questions your child can answer with you about their book

Sports, Health and Fitness

During Sports we will be focusing on Invaders, learning how to keep possession of a ball, how to score goals and dribble in football. In Health, looking at a healthy body and understanding our circulatory system. During Fitness and Boot Camp we will complete circuit training for fitness.

Home Learning

Each week, Dickens class will be set research questions to find facts so they can share their learning in class each week. Children can show their learning in their Home Learning Journal however they wish.

In addition, they will receive a spelling list for a weekly test on Fridays.

