

Maths No Problem

We will begin the year continuing with multiplication and division, in particular using skills and knowledge to solve problems before moving onto further multiplication and division. They will learn how to divide and multiply by 1 and 0 and understand the law of commutativity. They will learn how to multiply three numbers together using prior knowledge of multiplication tables. Pupils will learn how to multiply 3 digit numbers together using their times tables knowledge and learn how use short multiplication methods to do this. They will learn more about division and how to divide 2 digit numbers using 2 methods, including numbers with remainders. Children will also learn to solve multiplication and division problems using the methods they have learned and will use bar models to visualise what the problem is asking them to do.



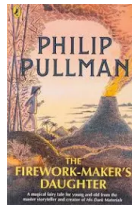
Maths – Times tables

Regular times tables sessions will take place, By the end of Y4, children are expected to have mastered their times tables to **12x12**. In order to test this, all Y4 pupils are required to sit a national multiplication check in June 2024. **Times tables will feature weekly as part of homework. Please continue practising tables at every opportunity.**



Reading

We begin this term by reading and exploring 'The Firework Maker's daughter' by Philip Pullman. During reading sessions, we will study the techniques writers use to create mood and atmosphere. We will also study the features and organisation of nonfiction texts, particularly explanation texts.



Home reading is an important part of your child's learning and will greatly assist their progress. Please aim to listen to your child read four times a week for 10 minutes or more whenever possible and sign the reading diary for child to be awarded for their reading efforts.



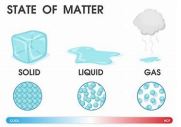
Writing

Our novel will inspire much of our writing this half term and the children will plan and write a complete story experimenting with different organisational devices such as times of day, repeated words or phrases, adverbial phrases and the use of pronouns. In their study of non-fictions, children will write an explanation text on the water cycle.

Science

For the first few weeks of the spring term, we will complete our sound topic by investigating how distance can impact volume and researching animals hearing.

For the rest of the spring term, we will become chemists as we study 'States of Matter' and investigate 'How would we survive without water?' The children will explore solids, liquids and gases and study evaporation, placing this into the context of the water cycle.



Geography - Misty Mountain, Winding River

In the Misty Mountain, Winding River project, your child will learn about the characteristics and physical processes of rivers, including how they shape the landscape over time, their significance around the world and the impact of flooding. They will learn how to use the eight points of a compass, four and six-figure grid references, symbols and a key to locate and plot geographical places and features on a map, as well as how contour lines are used to show the topography of an area. They will have the opportunity to learn about the stages of the water cycle and about mountains and their different formations, studying mountain ranges in the United Kingdom and around the world. They will also learn about habitats and how human and natural influences can have an impact on the environment



Art – Vista

This project teaches children about the techniques that artists use when composing landscape images, such as colour and atmosphere.



DT – Functional and Fancy Fabrics

This project teaches children about home furnishings and the significant designer William Morris. They learn techniques for decorating fabric, including block printing, hemming and embroidery and use them to design and make a fabric sample.



National Rail and canal networks. They conduct an enquiry to prove a hypothesis, gathering data from maps and surveys before drawing conclusions.

PE

Our PE days will be Tuesdays and Thursdays. Please ensure that children wear their full kits and no jewellery is permitted.



RE

In RE, our focus will be Buddhism and our key question will be 'What is Kathina?'



Year 4 Curriculum Information Spring 2024

Homework and Spellings

- Children will receive weekly homework each Friday to be returned by the following Wednesday.
- They will be given a task to complete which will be based on both maths and English skill which has been taught that week as well as a short times tables activity.

