

This half term Year 5 are learning about:



English

In English, we will be continuing our work on 'The Lost Thing' by Shaun Tan. Children will write their own versions of narratives, diaries, formal letters, adverts and will create setting and character descriptions. Our next text will be 'Freedom Bird' by Jerdine Nolen. Children will write in role as characters, write biographies, create thought bubbles, dialogue, postcards, recounts and poems.

In Whole-Class reading, we will be continuing to read 'Black and British: A short, essential history' by David Olusoga. We will be practising VIPERS throughout – Vocabulary, Infer, Predict, Explain, Retrieve and Summarise.

We will continue to learn and practise spelling rules, grammar and handwriting.

Geography: South America

In Geography this half term, Year 5 will be learning about South America. They will find out about the location and countries of South America as well as the climate, physical and human geography, and trade in this continent. They will end the unit by comparing an area of South America with the UK.

Mathematics



In Mathematics, Year 5 are continuing to learn about fractions. We will be practising adding, subtracting and multiplying improper and mixed number fractions.

After this, the children will practise how to read and write decimal numbers, how to order and compare them, and finally how to add, subtract and round them.

Our daily Morning Work sessions will provide children with time to further develop their arithmetic skills as well as regular arithmetic tests. We have also introduced maths homework on Educake that will support the children's maths learning and knowledge.

Science: Forces

In Science, the children will be learning about forces. After learning what a force is, children will complete four different investigations to learn more about gravity, friction, air resistance and water resistance. They will learn how to take measurements with increasing accuracy and precision, taking repeat readings when appropriate, and learn how to identify scientific evidence that has been used to support or refute ideas or arguments. In this unit, they will record data and results of increasing complexity using scientific diagrams, labels, and tables.

DT

In DT, Year 5 will be learning about different mechanisms (cams, pulleys, gears and levers) and will be creating toys using cams. They will explore, design and evaluate their plan before creating their mechanical toys. They will then evaluate the product against their own design criteria and take on the views of others to improve their toy.

PE

In PE, Year 5 will focus on an Invasion game – netball. As part of this unit, they will work on improving their throwing and catching skills. They will also learn about attacking and defending. They will need an outdoor P.E kit, which could include black tracksuit bottoms and a jumper. Their second PE unit will be gymnastics, where they will develop strength, technique and flexibility. Children will apply the skills they have learnt when developing sequences. For this, children will need indoor PE kits which consist of a white T-shirt and black shorts.

Key Vocabulary

Some of the words that we will be learning include:

- mechanical
- accuracy
- resistance
- angle
- sacrifice
- sequence

Things to do at home:

- Regular reading with your child, asking questions about what they've read.
- Practise times tables and educational games on Purple Mash.
- Complete the homework set on Educake each week.

RE



We will begin by completing the 2nd topic for this term which explores our understanding of the Eucharist. In 'Memorial Sacrifice', Year 5 learn about how Jews celebrate the Passover and develop their understanding of the Last Supper. We will then move on to the Lent/Easter topics, exploring various aspects of this season, including the stories of Holy Week. Year 5 will focus on the topic 'Sacrifice' which enables them to learn about Jesus' time in the desert and his betrayal by Judas. They will also learn about the importance of Holy Week for Christians. Children will continue to plan and lead collective worship within class as well as taking part in Lectio Divinas as a class.

PSHE

In our Mission Circles/Circle Time, we will have the following weekly themes: Fasting, Almsgiving, Sacrifice and Journey. The children will discuss each key concept and reflect on how it relates to their own lives. Alongside this, we will also complete work around Fairtrade Fortnight and one of our British Values: Rule of Law. Our PSHE book is 'The Artist Who Painted The Blue Horse' by Eric Carle.

Computing



Children will continue to learn about Internet Safety and Coding. In Coding, the children will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs. In the last unit, the children will look at Databases. They will search a database to find information, as well as entering information into a class database. Finally, they will use the skills they have learnt to construct their own database.