



The spring term is another very busy term with lots of activities planned. Our **Integrated Learning Topic** in the first half term will be **Extreme Environments**, learning will be based on weather climates across the world and the cause of natural disasters. In the second half term we will be diving into our **Enterprise Topic: Number Games** - where children will design and develop their own mathematical board game. We will also begin our exciting **Geography topic Earthquakes**. Year 5 will also be involved in the Easter Assembly which reminds us why Easter is such an important event for us.

As **Geographers** children will be investigating the different weather climates around the world and how they impact on the people who live there. We will also be looking at the distribution of water across the world and how natural disasters occur. Children will also research relevant (recent) earthquakes around the world and the impact they had on the community and its surrounding areas. They will look at what causes earthquakes and how the earth moves. As well as use secondary sources such as maps, books and computers to obtain information about earthquakes and volcanoes.

Maths

Children will build on their learning from the Autumn term as they focus on fractions, decimals and percentages before moving on to geometry. The key skills for this involve finding equivalent fractions, adding and subtracting decimals, finding percentages of amounts and investigating angles in different shapes.

Knowing their tables is **imperative**; your child should be able to recall their tables within 5 seconds and know the inverse e.g. $6 \times 3 = 18$ so $18 \div 3 = 6$. **Children will also be required to complete MyMaths homework tasks set weekly every Thursday and completed by the following Tuesday.** Maths Passports should be practiced **daily** to ensure mental maths skills are fluent. Parent information for the Passports is online on the school website.

R.E. - Jesus at Prayer:

This term, year 5 will be using appropriate religious terms to explain the meaning and purpose of Passover. We will explore the origins of Passover and the context of the story of Exodus. We will also be exploring how the Lord's prayer, as a statement of belief, has developed. We will be exploring the key beliefs for Catholics during the time of Lent. **Please practise the responses used in Mass with your child so that they are prepared for when we attend our services.**

P.E.

The children will be developing their skills in gymnastics, football and netball. During this time, they will learn how to use skillful attacking and defending movements whilst working well in a team. **Please ensure your child has their full PE kit for every lesson on Tuesdays and Thursdays.**

Music

This term, the children will be appreciating and understanding a wide range of music from great composers and musicians from different cultures. In addition to this, the children will be developing an understanding of the history of music.

As **Artists** we will explore how to create illusions using a range of techniques, such as creating depth in an image and playing with perspectives to create a sense of realism when drawing interiors.

English

As part of our integrated curriculum we will be reading 'Short', a series of short mystery stories. This will be the stimulus for our English work in the first half term, we will learn about mystery stories and the features that will be required to create one. The children will also explore figurative language and how it is used in poetry. They will be using a BBC advert for the Winter Olympics as a stimulus (which also links to their topic for the term!)

In the second half term, as part of the Enterprise topic students will apply their English skills and explore the world of enterprise through designing and developing their own board game. We will also be looking at our skills in group presentation. We will also look into letter writing as we write a letter to the Royal Family.

Spellings will continue to be sent home on a Friday and then tested the following Friday. There is also a weekly guided reading task: the hand out and hand in differs for each class. Please encourage your child to read on a daily basis.

Science

The first half term topic will be **Properties and Materials**. Children will identify uses of some common materials, suggesting several reasons why the material is suitable; make measurements of length using standard units; explain it is important to test materials to find out whether descriptions of characteristics are reliable and to recognise when a test or comparison is unfair.

The second half term topic will **Forces**. This module develops understand of how forces affect movement. Children will learn how mechanisms allow smaller forces to have a greater effect.

Computing

Children will begin exploring the basics of building a website. HTML is a 'real world' markup language used to create web pages. The HTML units we cover will introduce basic concepts, such as how to use HTML to add paragraphs, images and headings to web pages.

As part of our focus on e-safety this term, we will learn about the safety of the internet, focussing particularly on social media. Children will have the opportunity to share their own experiences as well as looking at dilemmas.