

## MATHS

We will continue to explore maths using a mastery approach. Children will learn methods for multiplying 4-digits by 2-digits and dividing 4-digits by 1-digit. They will further develop their understanding of fractions before moving on to relating this knowledge to decimals and percentages. They learn to order and compare decimals, and calculate percentages as fractions and decimals. Towards the end of the term, we will explore perimeter and area, calculating them, solving problems and explaining our reasoning. Our final topic of the term is looking at calculating, representing and analysing statistics.

## ENGLISH

As Year 5 explore the interesting topic 'Across the Pond', they will read the picture book 'Brother Eagle, Sister Sky' and focus on writing information and explanation texts. For guided reading, the children will read a novel called 'The Miraculous Journey of Edward Tulane'. We will explore vocabulary in detail as it is a text rich with interesting and clever vocabulary. Later in the term, they will read 'Kasper Prince of Cats' and 'The Story of the Titanic'. Both books will help to provide historical context and a wealth of factual knowledge for children to include in their writing.

## SCIENCE

Children will explore and test different materials, investigating and categorising hardness, transparency and magnetism. We will be looking at materials used in everyday life and why these specific materials are used for the job they have been chosen for. Later in the term, we will be looking at animals, including humans and ending the term by exploring life cycles. Throughout this term we will spend time developing our scientific enquiry skills, our observation skills and how we present and analyse the results of our investigations.

## COMPUTING

Year 5 will use the Purple Mash tool 2DIY 3D, to create a computer game. They will create the games environment, characters and quest. They will also learn the basic features and functions of Microsoft and Google programmes when publishing work from other areas of the curriculum.

## HISTORY & GEOGRAPHY

The children will be learning about the physical geography of North America, including: climate zones, biomes and vegetation belts. We will consider the history of North America, specifically looking at Native Americans. Later in the term, children will be locating the world's countries, using maps to focus on the environmental regions, key physical and human characteristics, countries and major cities.

# YR 5 SPRING Across the Pond



## ITALIAN

Ciao

This term the children will cover units called Do you have a pet? and the weather. Children will learn key words and phrases.

## MUSIC

The children will continue to have music lessons with our specialist music teacher Mrs Shanahan. She will focus on teaching the children songs linked to their topic and skills necessary for percussion instruments. Yr5 will continue to have brass lessons with Kurt.

## PE

Our outdoor PE sessions this half term will be focussed around Rounders and Tennis. Our indoor PE sessions will be focussed around Dance. Children will continue to develop their fitness and coordination skills throughout all PE sessions.

## RE

The first RE topic this term is 'Mission'. We will begin to know and understand the mission of inspirational leaders, as well as exploring how the Dioceses continue the work on the mission of Jesus. We will also be looking at the local community, focusing around our church. The experience of community is an essential and enjoyable part of life for people of every age and faith. The cycle of a year and the span of a lifetime contain occasions for regular celebrations.

## ART & DT

Whilst focusing on our topic of Across the Pond, children will look at the artist Georgie O'Keeffe. We will develop our watercolour techniques, to create striking landscapes and simple washes. When we move on to looking at the Titanic we will design and make a set design. We will also be painting and sewing this term using cloth, thread and paint.