



MATHS

The children will continue using the White Rose Maths scheme. They will develop their understanding of place value up to 1,000,000. They will practise adding with 4 digit numbers. They will learn about common multiples, factors, prime numbers, square numbers and cube numbers. They will learn about equivalent fractions and how to convert between proper and improper fractions.

ENGLISH

This term the children will read 'The Adventures of Odysseus' and 'Orpheus and Eurydice' in connection with their topic. They will use these as inspiration to write narratives, short stories and poetry. Later in the term, they will read 'Hidden Figures' and 'Curiosity Rover' to help them to write their own short stories and explanation texts. In Guided Reading, they will read 'Who Let the Gods Out' and 'Cosmic'. They will focus on retrieval, inference and vocabulary based reading comprehension questions.



SCIENCE

This term, the children will learn about forces with a particular focus on friction, air resistance and water resistance. They will make their own parachutes and test out how air resistance works. Later in the term, they will learn about space. They will learn about the solar system and how day and night works. They will also learn about Global Warming and think about how we can look after our world.



COMPUTING

This term, children will be completing a unit on coding and focusing on using simulations to create games. They will learn about how to keep their personal information safe and about reliable sources. They will also learn to use conversions of measurements and formulae on spreadsheets.

YR 5 AUTUMN

1: It's All Greek to Me 2: Space Race



HISTORY & GEOGRAPHY

The children will learn about the Ancient Greeks. They will learn about the Ancient Greek's empire, daily lives, beliefs and legacy. Later in the term, they will learn about the space race. They will learn about the first space walk and the first moon landing.



ITALIAN

Ciao

This term the children will cover units about the Olympic Games and the Classroom. They will learn a range of words and phrases linked to these topics.

MUSIC

The children will continue to have music lessons with Mrs Shanahan this year. The children will learn a range of percussion skills as well as creating their own rhythms.

Yr5 will also have brass lessons with our specialist brass teacher this year.

PE

The children will have a specialist PE coach for outdoor PE lessons and they will focus on hockey and dodgeball. During indoor PE lessons, the children will do gymnastics and fitness. They will learn about stamina and techniques for exercises.



RE & RHE

This term we will be thinking about God's covenant with Moses. The children will learn about the ten commandments and think about what it means to love thy neighbour. In Catholic Social Teaching, children will be focusing on the common good.

ART & DT

This term the children will learn to make etruscan vases using clay. They will learn to use coiling techniques to create a hollow base for their vessels. Later in the term, the children will create their own space art based on the paintings by Peter Thorpe.





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.



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.



YR 5 SPRING Across the Pond



MATHS

This term, the children will be starting with shape. They will be learning to classify, estimate and measure angles around a point and on a straight line. They will learn to use coordinates to reflect and translate shapes using grid lines. They will add and subtract decimals with different numbers of decimal places and use this to solve problems. Later in the term, children will learn about negative numbers and converting units of measurement. They will look at units of measurement for kilograms, kilometres, millimetres, and millilitres.

ENGLISH

This term, the children will be reading 'Street Child', 'Cloud Tea Monkeys' and 'Seasons of Splendour'. The children will be learning to write their own graphic novels, short stories and biographies. They will learn about modal verbs, pronouns, frontier adverbials, semi-colons, relative pronouns and parenthesis. In Guided Reading, children will be reading 'Tiger Rising', 'Suffragettes' and 'The Listeners'. They will be focusing on developing vocabulary skills, making comparisons, inferring thoughts and feelings, impact of vocabulary and summarising.



SCIENCE

This term, the children will be learning about reproduction in mammals and plants. They will learn about fertilisation and pollination. Children will then go on to learn about reversible and irreversible changes by experimenting with liquids and solids that can be dissolved or heated. They will also learn about plastic pollution and its impact on our world.



COMPUTING

This term, children will be learning to use software for 3D modelling. They will use it to create nets of shapes and print these to check they work. They will also learn to use concept maps to visually represent their ideas.

YR 5 SUMMER

1: Time Travellers

2: Travelling Traders



HISTORY

In History, children will learn all about the Victorians. They will learn about industrialisation, employment, education and the treatment of the poor. Children will then go on to learn about the Early British Empire. They will learn about the East India Company and merchant trade.



ITALIAN

Ciao

This term children will be learning to describe where they live and name the rooms in their houses. They will learn to speak in first person to describe.

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. They will continue to have brass lessons with our specialist brass teacher.

PE

During Indoor PE lessons, children will be having gymnastics and fitness sessions. In Outdoor PE, they will have netball and athletics lessons. They will be developing their teamwork skills and ability to pass the ball effectively.

RE & RHE

In RE, the children will be learning about the gift and the fruits of the Holy Spirit. They will learn about the ten commandments and how they guide people to live as good Christians. Later in the term, they will learn about stewardship and caring for others and our world. In RHE, children will learn about the Holy Trinity, our world and those in our local community.

ART & DT

This term the children will be making collographs. They will explore the work of the artist William Morris and use this as inspiration for creating their own prints.

In DT, children will be looking at fashion design and creating their own 2D and 3D designs.

