YEAR 5

AUTUMN 1

English

Phonics/Spelling:
PlanIt Spelling Programme and Y5 and 6 statutory word list.

Guided Reading: Who Let the Gods Out? By Maz Evans.
To read fluently with full knowledge of all Y5/Y6 exception words, root words, prefixes, suffixes/word endings and decode any unfamiliar words with increasing speed and skill, recognising their meaning through contextual cues. Children will learn to maintain positive attitudes to reading and understanding of what they read by, when reading out loud, adapting intonation, tone and volume to suit the purpose and audience and making comparisons within and across books;

Writing:
Non-Chronological Report - An information report about an imagined mythical or magical creature
Description - A setting description, focusing on use of vocabulary to create mood
Poetry - A cinquain focusing on use of meter and precise word choice

Maths

Number and Place Value
Children will be expected to read, write, order and compare numbers to at least 1000000 and determine the value of each digit and count forwards or backwards in steps of powers of 10. They will also explore the use of negative numbers and Roman numerals.

Addition and Subtraction
Children will be expected to add and subtract numbers mentally with increasingly large numbers. They will also add and subtract whole numbers with more than 4 digits, including using formal written methods and then use of rounding to estimate. Children will solve multi-step and operational problems.

Religious Education (R.E.): Creation and Covenant

Children will learn about God's covenant with Moses and discover how the Ten Commandments help people to live good and happy lives. They will explore the story of the Burning Bush, the covenant at Mount Sinai and Jesus' teaching that the greatest commandments are to love God and to love one another. The children will also learn that Christians are called to care for others, show kindness and work together to build a fairer and more caring world.

Computing

Project Evolve – Self Image and Identity:

Children will learn how to make profiles and how profiles can be altered and changed by other people to represent us.

Systems and searching

Learners develop their understanding of computer systems and how information is transferred between systems and devices. Learners consider small-scale systems as well as large-scale systems. They explain the input, output, and process aspects of a variety of different real-world systems.

Art: Drawing

Children will develop their drawing skills by exploring how art can express emotion, movement and depth. Inspired by the work of Charlie Mackesy and Elizabeth Catlett, they will experiment with expressive lines, shading and printmaking techniques to create compositions that convey feeling and energy. The children will use these skills to produce a final piece of artwork inspired by their own ideas and the artists they have studied.

Design & Technology: Mechanical Systems – Gears and Pulleys

Children will investigate how gears and pulleys work by exploring their history, purpose and everyday uses. They will build a working gear-and-pulley mechanism to develop their understanding of how movement can be transferred and controlled. The children will then apply their knowledge to design and create an eco-bike, selecting suitable materials and evaluating their final product against their design criteria.

Music: Livin' On A Prayer

The children will study the Bon Jovi classic song and also appraise 5 other rock songs, looking at the musical characteristics that give the songs their style.

Key Skills: To know the 5 songs, when they were written and why? To understand the lyrics of the songs. To know the historical contexts of the songs; what else was going on at this time. To look at tempo, rhythm, texture, dynamics and pitch. To improvise using G,A and B.

Modern Foreign Languages (MFL)

Children will develop their French pronunciation through Phonetics 3, learning to recognise and accurately pronounce new sounds using correct mouth shape and pronunciation. They will then learn the days of the week, months of the year and numbers to 31, enabling them to say and write the date in French. The children will also use this vocabulary to talk about when their birthday is, building their confidence in speaking, listening, reading and spelling simple French words and phrases.

Trips and In-House Activities

STEAM Thorpe Park Visit

Harvest Festival

Physical Education (P.E.)

Health Related Exercise - Pupils will go on to explore aspects of fitness as they reflect on their own personal journey and aim to beat their personal best at the end of the unit of work. Pupils will perform a cardio circuit developing their own aerobic fitness.

Netball - Pupils will apply prior learning, of how to keep possession in order to beat an opponent. Pupils will learn where and why other types of passes will be effective. For example the Shoulder and Bounce passes.

Science: Materials – Mixtures and Separation

Children will learn how different materials can be mixed together and separated using a variety of methods, including filtering, sieving and evaporation. They will investigate how substances dissolve to form solutions and explore how temperature affects the rate at which materials dissolve. The children will apply their scientific knowledge by designing simple water filters and carrying out practical investigations to separate different mixtures, developing their enquiry and problem-solving skills.

Personal, Social, Health and Economic Education (PSHE)

Belonging to a community:

Children will explore British Values, protecting the environment, and compassion towards others.
Is God Calling You?

They will consider how God calls us to love others and to know ways in which we can participate in God's call to us

Money and Work

Finally, children will explore job interests and aspirations, consider what influences career choices, as well as reflect on workplace stereotypes.

History: Were the Vikings Raiders, Traders or Something Else?

Children will learn about the Viking Age by exploring why the Vikings came to Britain and how they lived as raiders, traders and settlers. They will investigate Viking trade, settlements and achievements, using a range of historical sources to ask questions and develop their understanding of the past. The children will also explore the impact the Vikings had on Britain and consider why different accounts of the same events can tell us different things about history.

Geography: What Is Life Like in the Alps?

Children will learn about the Alps by exploring the physical and human features of this mountain region, with a focus on Innsbruck. They will locate the Alps and the countries they spread through on a map, compare life in the Alps with their local area and investigate how people live, work and travel in a mountain environment. The children will also develop their fieldwork skills by collecting, recording and analysing data to help answer the question, What is life like in the Alps?