

Literacy

In Autumn 1, we travel back in time and into the life of Jim Jarvis; a child orphaned during the Victorian era. We will also be finding out about Victorian Crime to acquire facts for our non-fiction writing.

In Autumn 2, we embark on a thrilling mission with Alex Rider as he tries to discover the truth about his dad and some special secrets! Considering different perspectives on the events, we will present events in newspaper reports and add opinions of characters with quotes.

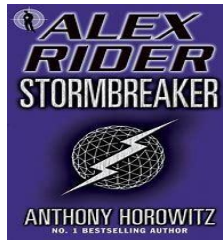
Maths

Throughout the Autumn term, we will be focussing on the place value of numbers up to 6 digits, using written and mental methods for all four operations and solving problems involving time. We will also be focusing on multiplying and dividing numbers by 10, 100 and 1000. Solving two step word problems will be a huge focus this term, as we will explain each step when we write addition and subtraction calculations. To strengthen our mental arithmetic, we will be building various strategies that will help us to solve challenging calculations without jottings.

Science

Let's get 'buzzing' about our autumn topic of 'Electricity'. We will have the opportunity to carry out various experiments to find out about circuits and how the different components used in circuit will affect the electrical current.

Year 5 Autumn



R.E

In Autumn 1, pupils will explore the differing stories of creation, the role of God as the Creator of all things and the different interpretations of what the Bible says (Genesis 1) about creation. Pupils will also learn about the Christian views around science and faith. In Autumn 2, Pupils will also learn about the Incarnation.

Art and Design

In Autumn 1, we will be exploring the incredible art of William Morris - a significant artist from Waltham Forest. In Autumn 2, we will be using clay, to create our own tiles with illuminated letters. We will then be using our clay designs as stencils to make wallpaper in the style of famous artists. Using CAD, we will design and print our tiles and compare the print quality with our original clay ones.

PSHE

This term, we will learn and debate about British Values and our place in the wider world.

Computing

We will engineer components to print 3D models of Victorian homes and furnish these virtual houses with 3D furniture, decorating them in the style of William Morris. We'll go on to use Scratch to program our own times tables games - similar to TT Rockstars - using code to set bespoke questions based on the users' score and ability.

Humanities

We are very excited to begin Autumn 1 term with all things Victorian! We will have the opportunity to learn about Queen Victoria, the Industrial Revolution and the lives of children during this period. We will be making comparisons between what childhood meant during the Victorian Era and the meaning of childhood in current society. In Autumn 2, we will be exploring Australia and making comparisons between Australia and the UK.

P.E

Pupils will focus on developing the skills they need to play continuous rallies in volleyball. They will learn about the ready position, ball control, sending a ball over a net and how to use these skills to make the game difficult for their opponent.

Music

This term we will learn about the music of the Romantics before moving onto music technology.

French

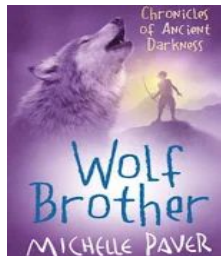
In French, we will be learning words and phrases related to the classroom and clothes using the verb 'porter'.

Literacy

In Spring 1, we will be reading 'Wolf Brother'. We will learn about the life of Torak - a twelve-year-old member of the Wolf Clan, in the Middle Stone Age- who must save his community from danger.

In Spring 2, we will be reading 'Guardians of the Wild Unicorns'. We will be following the journey of Lewis and Rhona, who find themselves caught up in a dangerous adventure, to save the last herd of wild unicorns.

Year 5 Spring



R.E

In Spring 1, pupils will learn about the beliefs and teachings of Buddhism and make comparisons between those of Christianity and their own personal beliefs. Pupils will explore the noble eightfold path and how Buddhists try to follow the teachings of Buddha. In Spring 2, pupils will explore the accounts of Jesus' death and resurrection and discuss who might be responsible for Jesus' death.

Art and Design

At Forest school, in Spring 1, we will be building on our History topic by creating our own Stone Age shelters and using Stone Age techniques such as stones to sharpen flint. In Spring 2, will be looking at the work of Berry Fritz and creating our own still life paintings in her style.

PSHE

We will be learning about anti-bullying and moving into health and well-being covering how to live a healthy and balanced lifestyle. We will also be learning about how images of people in the media can be distorted or changed.

Computing

How are websites formatted and what is the code behind them? We will begin to learn HTML and CSS code, becoming familiar with text based programming languages such as Python. We'll also develop our 3D CAD skills further this term.

Humanities

Are you ready to go back to prehistoric times? Throughout Spring 1, we will be learning all about the Stone Age. We will be uncovering how archaeologists have helped us to understand the prehistoric past, the development of hunter gatherers and early British settlement.

In Spring 2, we will be focusing on North America. Using VR, we will be exploring the Grand Canyon and considering the impact of tourism on this area.

P.E

In cricket, we will develop the range and quality of striking and fielding skills. We will learn how to play bowler, wicket keeper, fielder and batter, thinking about how we use skills, strategies and tactics to outwit the opposition.

Music

This Spring term we will listen to and explore music from Africa. We will then explore key and time signatures.

French

In our Spring term, we will explore the topic of 'Pets'. We will be able to name a variety of pets and say whether we have or do not have a pet. We will also be able to ask the name of someone's pet.

Maths

This term in maths, we will continue to work on solidifying our arithmetic skills and apply these to complex, multi-step problems. We will be learning about number and place value, fractions, decimals and percentages. We will be exploring the common link between the three areas and finding equivalences when looking at reasoning problems. In geometry, we will be looking at coordinates and translation and knowing precise vocabulary when describing shapes.

Science

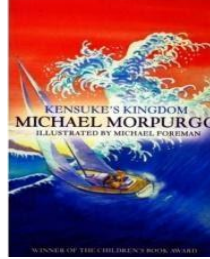
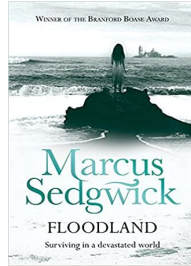
This Spring term in science, we will be focusing on the rates of chemical reactions, noting temperature changes and changes in mass. We will also be learning how red cabbage can help us identify if something is an acid or an alkali.

Year 5 Summer

Literacy

In Summer 1, we will be reading 'Floodland' by Marcus Sedgwick. Imagine that a few years from now England is covered by water, and Norwich is an island. The belief that Zoe will one day find her parents spurs her on in a story of courage and determination that is handled with warmth and humanity.

In Spring 2, we will be reading 'Kensuke's Kingdom' by Michael Morpurgo. Washed up on an island in the Pacific, Michael struggles to survive on his own. With no food and no water, he curls up to die. When he wakes, there is a plate beside him of fish, of fruit, and a bowl of fresh water. He is not alone . . .



Computing

We'll use Scratch to program our own versions of Microsoft programs, understanding how software such as MS Paint is developed. We'll also use Microbits (small, pocket-sized computers) to discover how software and hardware work together and develop our understanding of physical computing.

Humanities

In Summer 1, we will explore the history of Benin. We will explore trading, the decline and the Benin Bronzes.

In Summer 2, we will be examining extreme weather conditions and their link to global warming. We will look at natural disasters, how they happen and the aftermath. We will be considering and arguing the question: are humans responsible for natural disasters.'

Maths

This Summer term in maths, we will continue to work on solidifying our arithmetic skills and apply these to complex, multi-step problems. We will be comparing capacity and volume and converting different units of measure. We will be using a knowledge of place value to solve conversions by either multiplying or dividing by 10, 100 or 1000. We will also be exploring shape and coordinates.

RS.E

In Summer 1, pupils will explore what Jewish people believe, how those views are different to those of Christians and how Jews show their belief that God is present in the synagogue. In Summer 2, pupils will explore the Kingdom of God, looking at the Lord's prayer and parables that we can draw life lessons from, such as 'the Parable of the Feast' and 'the Parable of the Tenants in the Vineyard'.

Art and Design

In Summer 1, we will be using exploding diagrams to construct our very own chair! We will then embark on an engineering project where we design chairs to meet a specification. In Summer 2, we will be using abstract art skills inspired by ocean scenes to help create our own unique interpretations!

P.E

In this unit, pupils are set challenges for distance and time that involve using different styles and combinations of running, jumping and throwing. As in all athletic activities, pupils think about how to achieve their greatest possible speed, height, distance or accuracy and learn how to persevere to achieve their personal best.

Science

This Summer term in science, we will be focusing on state of matter. We will be learning about how temperature affects different states of matter and what happens to a substance when it cools and heats. We will be studying the water cycle as part of this. We will also study reversible and irreversible changes, understanding and explaining why they happen.

PSHE

We will be learning about relationships. We will be looking at how we can maintain a healthy self-concept, focusing on confidence, realistic self-image and self-worth.

Music

Exploring music and television, we will learn techniques for creating soundtracks and film scores, and compose our own movie music.

French

We will be able to recall the months and learn how to say when our birthday is and how to ask someone else. We will also explore sports with the verb 'faire'.