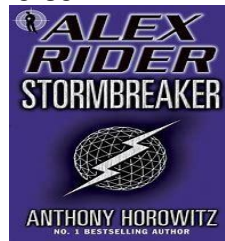
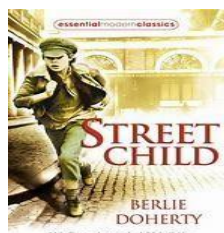


Literacy

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.



Year 5 Autumn

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. Pupils continue to practise column multiplication and long division using larger numbers. We will also be focusing on multiplying and dividing numbers by 10, 100 and 1000

In Autumn 2, we move onto fractions, decimals and percentages. Pupils start to look the relationship between the three and how to convert between each.

Science

In science, we will be focusing first on states of matter involving the processes that can change these states such as evaporation. We also look at materials, mixtures and solutions culminating in a lesson where children create clean drinking water.

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 as well as Christmas celebration around the world.

Art and Design

In Autumn 1, we will be exploring the incredible art of William Morris - a significant artist from Waltham Forest. We will use his designs to create a wallpaper print mimicking his style of floral patterns and block printing. In Autumn 2, we put our engineering skills to the test to create a buzz wire game using a live circuit.

PSHE

This term, we will learn and debate about British Values and our place in the wider world. We then look at positive friendships.

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 TTRockstars - 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, it's extreme weather changes and the population. Finally, we compare living in the UK to Australia.

P.E

Pupils will focus on developing the skills they need to play continuous rallies in volleyball and netball. They will learn about the ready position, ball control and sending a ball over a net. Pupils will also look at fitness and yoga and the important effect flexibility has on our joints and muscles.

Music

This term we will learn about the music of the Romantics before moving onto recorder lessons. During recorder lessons, we will learn how to play a variety of notes.

French

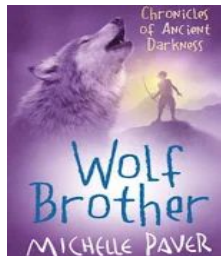
In French, we will be learning words and phrases related to the classroom and clothes using the verb 'porter'. Next, we will look at the classroom and identify objects in french.

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 also develop our 3D modelling skills by creating 3D designs of famous LONDON landmarks using TinkerCad.

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 PE, we learn the rules of hockey. We focus on hockey stick control, passing and shooting. We move on to dance and gymnastics, examining body movements and partner movement drills.

Music

This Spring term we will listen to and explore music from Africa. We will then explore key and time signatures. Children continue mastering the recorder by learning songs.

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 understanding of fractions, decimals and percentages. We start to look at time and contextualise our understanding using bus timings and school time tables. We examine a range of statistical data including line graphs. In Autumn 2, we move onto shape and apply our knowledge facts of angles on a straight line and around a point. Finally, we start our new topic of ratio and examine ratio sentences.

Science

This Spring term, we continue looking at states of matter and how particles interact with each other during irreversible changes and in a gaseous state. In Spring 2, we look at a range of chemical reactions and their output, such as oxidation. We also measure the rate of reaction and the factors that affect it.

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 . . .

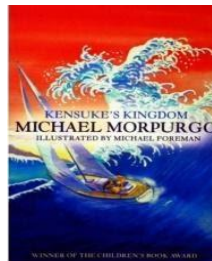
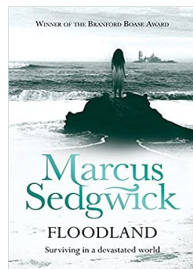
Maths

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 examining the currency of the UK and applying our knowledge to money reasoning problems. Next we look at coordinate grids, which increase in complexity with the use of four quadrants and negative integers on the X and Y axis. Finally, we look at measures including converting between different units of measurements.

Science

In Summer 1, we will examine electricity and define exactly what it is. We will apply our knowledge of static electricity experiments and identify what materials are conductors and insulators. In Summer 2, we examine life cycles in different animals such as plants and animals including turtles.

Year 5 Summer



R.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'. Pupils look at the elements that make up worldview and humanism and are introduced to Confucianism.

Art and Design

In Summer 1, using our knowledge of Kingdom of Benin, we create clay plaques emulating the artistry of Benin. For inspiration, we look at Benin artwork. For Summer 2, we use our engineering skills to create flood resistance buildings. This will range from selecting different materials to structural advantages for floods.

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 peer pressure.

Computing

We'll use Scratch to program our own sprites and develop macro buttons, 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.'

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.

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, such as the Olympics, with the verb 'faire'.