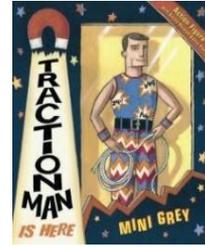
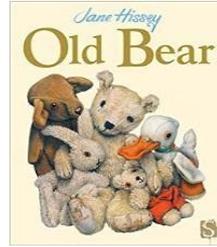


# Autumn Year 1

## Literacy

Our first text this term will be 'Old Bear'. In our Big Write lessons, we will be using adjectives to describe Old Bear and his friends and also to describe the setting when Old Bear gets put up in the loft! We will then be reading 'Traction Man' and going on some very exciting adventures with him. Using time words, we will create instructions to help Traction Man cross the treacherous pond in the garden and use our senses to guess what Granny has bought them all for Christmas!



## Computing

Making links to our text of 'Old Bear', we will safely search for images of toys online, take digital photos of toys in different positions and upload them onto Stop Motion Studio to create a short animation to simulate motion. In Autumn 2, we will create simple algorithms as we program Bee Bots to travel around Traction Man's map.

## Maths

Place value is our very first topic this term. We will be using a range of resources including counters, cubes, straws and Dienes to represent numbers and understand the difference between tens and ones. Using this knowledge, we will solve number sentences using all four number operations and then explore addition and subtraction in the context of money by creating our very own toy shops! We will start to explore measures involving length using standard and non-standard units of measurement.

## RE

Pupils will explore the idea of a Creator, retell the story of creation and look at what the creation story tells us about God. In addition, pupils will investigate ways in which Christians show thankfulness and express their own views on creation. Pupils will also learn about the Christian Harvest festival. In Autumn 2, pupils will explore the understanding that Jesus is God and that He was born as a baby in Bethlehem. They will look at the importance of Advent for Christians as well as thankfulness, learning about the message of Jesus' arrival and the impact of the Christmas story on Christmas cards.

## Art and Design

Inspired by 'Old Bear', we will be designing our own puppets. We will be creating templates and using a running stitch to connect the pieces. We will also be creating sketches of the natural world.

## Science

Autumn term for Science will all be about materials and plants. Which material will be best to keep Old Bear dry in the rain? Which material can Traction Man scoot the fastest on? We will be exploring a range of materials to identify their properties and suggest which ones would be best to fit a particular role. As we explore our local area, we will make observations of common garden and wild plants and make comparisons between them.

## PSHE

In PSHE, we will be thinking about the British Value of democracy and what that means for us in our lives. Together, we will construct and agree to follow a set of group, class and school rules. We will discuss communication: how we can communicate our feelings appropriately and recognise how our behavior can affect other people.

## Humanities

In autumn 1, we will be jumping into our history lessons and exploring how toys, technology and buildings have changed over time using historical language and a range of sources (including our 3D printer) to identify facts and make comparisons. In autumn 2, we will be working with Traction Man on our mapping skills. We will be exploring our local area using positional and directional language and using symbols to map out our playground and then create routes to follow.

## PE

In our indoor PE lessons, we will be exploring how we can use our bodies to create simple movements and actions and perform them with control in short dance phrases. In outdoor PE, we will develop our throwing, running and jumping movements to take part in a mini Olympics!

## Music

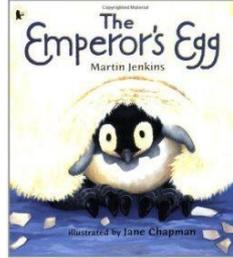
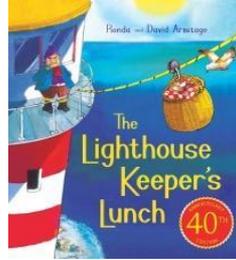
This term, we will be studying music from various periods of history such as the Medieval, Baroque and the Post-War period.

# Spring Year 1

## Literacy

In Spring 1, we will be reading 'The Lighthouse Keeper's Lunch' and learning all about Mr and Mrs Grinling's annoyance with some mischievous seagulls!

We will be describing the setting of their coastal cottage and writing instructions for delicious lunches. After this, our writing will be inspired by the book 'The Emperor's Egg'. We'll enjoy learning about the world's most devoted dad: the male emperor penguin.



## Computing

This half term, we will develop our word processing skills as we help the Lighthouse Keeper to send letters and postcards home to his mainland friends and family. We will then be creating E books to teach others about animals living in Antarctica.

## Humanities

We will be helping the Lighthouse Keeper with his move to the coast, using geographical vocabulary to describe physical and human features and how it will differ from life in Walthamstow. We'll use positional and directional language and compass points to navigate our way around maps and look out from inside virtual lighthouses using our VR sets.

During the subsequent half term, we'll be exploring the polar regions; comparing seasons, landscapes and animals.

## Maths

This term we will start by refreshing and extending our knowledge of place value before learning strategies and solving number sentences for all four operations. We will revisit measures by investigating volume and weight. This term, we will also explore fractions and how they represent parts of a whole. We will identify fractions shaded on shapes and will use grouping and sharing to find fractions of amounts. Alongside this, we will introduce the concept of position and direction in geometry.

## RE

During Spring 1, Pupils will begin to understand what Sikhs believe in and what they believe about God, including looking at what a Guru is. Additionally, pupils will explore the Sikh belief that all people are equal. During Spring 2, pupils will explore the stories of Holy Week and Easter and discuss emotions connected to the Easter story. In addition, pupils will explore Christian traditions linked to Easter, as well as Christian symbols and the Easter story.

## Art and Design

This term, we will be constructing our own lighthouses. We will start by studying the features of real lighthouses before choosing appropriate materials in which to make our own prototypes. After applying our scientific knowledge of circuits to light up a bulb, we will add a working light to our models. We will also be creating a birdhouse.

## Science

In the Spring term, we will be learning about lights and circuits and using this knowledge, every week, to add to our 'class lighthouse'. We will use a range of components including wires, batteries, switches and bulbs to create, test and investigate simple circuits. Towards the end of the Spring term, we will also begin looking at different types of animals and how to classify them. To strengthen our understanding further, we will be visited by the Zoolab who will show us a range of interesting animals.

## PSHE

We will be looking at health and wellbeing. We will be exploring the impact of having and maintaining positive and healthy physical and emotional wellbeing. We will also be exploring the British Values especially the value of tolerance and how we can live together and get along in school and in the wider community.

## PE

In our PE lessons, we will be learning the skills required in Net and Wall games. We will develop throwing, catching and racket skills while learning to rack and hit a ball. Later on in Spring 2, we will be balancing, running and jumping during our 'fundamentals' unit.

## Music

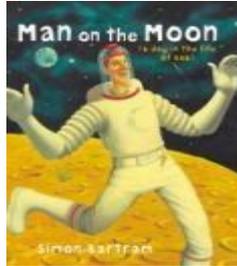
We will be looking at a range of music from Reggae to Rock and everything in between. We will look at similarities between all these genres and think about the ways they are linked.

# Summer Year 1

## Literacy

In Summer 1, we will meet Bob and learn all about his life as the 'Man on the Moon'. We will write character descriptions and begin to choose our verbs carefully for effect.

In summer 2, we will meet the mystical character known as 'The Tear Thief'. We will be developing our descriptive writing to develop characters and settings and write our own stories by following a plan and the structure of a story mountain.



## Computing

This term, we will be writing algorithms to launch Bob's rocket into space and bring it back again. We will create, run and debug our programs to ensure they work correctly. We will continue to program an on screen robot with commands including 'jump' and 'if'.

## Humanities

In Summer 1, we will learn about famous pilot, astronaut and engineer Neil Armstrong. We will explore his experiences as the first man on the moon.

Next, we will explore modes of transport and how they have changed and developed through history. We will consider the reasons for change and debate whether the developments have always contributed positively to the world.

## Maths

This term, we will start again by refreshing and extending our knowledge of place value before learning strategies and solving number sentences for all four operations. We will revisit measures by investigating time and money. This term we will continue to explore fractions and how they represent parts of a whole. We will explore 2D and 3D shapes and be confident when describing their properties, making comparisons and recognising them in different orientations.

## RE

In Summer 1, we will be exploring Islam. We will explore what Muslims believe in and why the prophet Muhammed is important to them. We will learn about the five pillars of Islam and how they guide the lives of many Muslims. In Summer 2, pupils will explore the story of 'The Lost Son', the hidden meaning of the parable and the ways in which Christians show their love for God. Furthermore, pupils will investigate why some Christians believe God is forgiving and how they show this belief, plus exploring the ways Christians pray.

## Art and Design

In the Summer term, we will be looking at the mesmerising work of Kandinsky who is considered to be the to originator of abstract art. We will be creating our own versions of his work using and blending chalk.

## PE

In PE, we will be develop agility, balance, coordination, speed and stamina during our fitness sessions. We will also have the chance to work in teams, developing our communication and problem solving skills by working collaboratively with one another..

## Science

We will start by exploring Bob's place of work on the moon and discussing the differences between the gravitational pull. As he works nearer to the sun, we will explore how to stay safe in the sun and will test the effectiveness of sun creams. We will learn how to keep our bodies healthy and will advise Bob on how he can keep healthy during his busy days. In the second half of the term, we will carry out investigations into materials and light, culminating in a STEM project.

## PSHE

We will be looking at health and wellbeing and how we can prevent germs and diseases from spreading by having good hygiene. We will also be discussing the positive relationships and networks that we have around us and the people that we can trust.

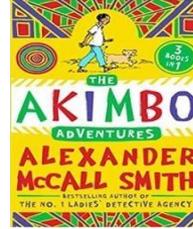
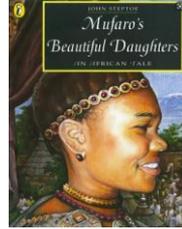
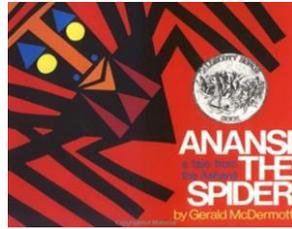
## Music

In music, we will be learning about music in film and how music is used to create emotions in the viewer.

# Autumn Year 2

## Literacy

In Autumn 1, we will explore traditional tales. First, we will meet an Akan folktale character - Anansi the Spider. We will learn about the trickster's adventures through several short stories. We will learn about morality, kindness and love in the Xhosa folk tale 'Mufaro's Beautiful Daughters'. In Autumn 2, we are introduced to Akimbo who lives on the edge of a game reserve. Using expanded noun phrases, we will be writing our own version of the story.



## Computing

We will start this term by collecting and presenting data on minibeasts, taking and editing digital photographs of those we find in our playground, geolocating them on a digital map and producing digital charts to show our finds. We will also develop our research and presentation skills linked to our humanities topic of civil rights activists.

## Maths

Place value is our very first topic this term. We will be using a range of resources to represent numbers and understand the value of each digit within numbers. We will use  $<$   $>$   $=$  signs to compare and order numbers up to 100. We will then explore multiplication and division, understanding how the commutative law affects some of the number sentences. We will explore measure through length and money by choosing and using appropriate standard units of measure. We will end the Autumn term looking at 2D and 3D shapes and identifying lines of symmetry.

## RE

In Autumn 1, we will be exploring the story of creation in Genesis and discussing what this story tells us about God. We will discuss why God rested on the seventh day and how Christians are inspired by the story to look after the world. In Autumn 2, pupils will explore the importance of Jesus for Christians, the significance of how He was born and some of the ways in which Christians celebrate Jesus' birth. Pupils will also discover how Christians express the meaning of Christmas and Incarnation.

## Art and Design

In Autumn 1, we will observe sculptures created by Hank Willis Thomas and explore how art can express themes such as freedom, unity and mutual respect. Then, we will create our own sculptures, promoting these ideas. We will also be exploring the work of Pablo Picasso, using warm or cold colours to reflect mood and emotion. We will use a mixture of shapes to create a cubist piece of work.

## PSHE

In PSHE, we will be thinking about the British Value of democracy and what that means for us in our lives. Together, we will construct and agree to follow a set of group, class and school rules. We will discuss communication, thinking about how we can communicate our feelings appropriately and recognise how our behavior can affect other people.

## Humanities

In Autumn 1, we will be exploring the different continents with a focus on Africa! We will use atlases to locate countries and make comparisons between their location on the continent, landscapes and human features.

In Autumn 2, we will be investigate the lives of significant figures: Rosa Parks and Nelson Mandela. We will be exploring their lives and the important changes that they made. We will understand the impact of the Apartheid Law and the effect of the Montgomery Bus Boycott.

## PE

In our PE lessons, we will be improving our agility, speed and stamina during our intense fitness sessions.

In Autumn 2, we will be cartwheeling and handstanding our way through the gymnastics curriculum.

## Music

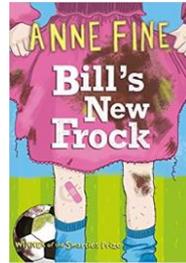
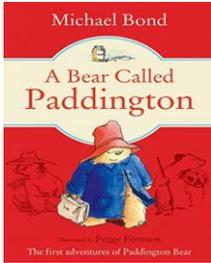
This term, we will be studying music from various periods of history such as the Medieval, Baroque and the Post-War period.

## Science

This term, we will learn all be about humans and animals. We will explore and compare life cycles and classify animals using keys. By observing fossils, we will make predictions about herbivores, omnivores and carnivores before justifying our reasons. We will then create a worm farm and investigate the conditions that allow the worms to thrive. To end this term, we will analyse the human body and think about how we can maintain a healthy diet. We will explore the effect that salt has on food and how exercise affects our bodies.

## Literacy

In Spring 1, we will be using the story 'A Bear called Paddington' to inspire our literacy writing. We will undoubtedly enjoy retelling the comical but embarrassing situations that Paddington finds himself in as he tries to adjust to British culture. In Spring 2, we will meet Bill who wakes up to be treated very differently to usual! We will explore stereotypes and will consider how we can show character emotions rather than tell.



# Spring Year 2

## Computing

We will be helping Paddington to communicate safely with Peru, thinking about how digital communication, messaging services and social media can be useful when used safely and responsibly. We'll create interactive 360 photospheres of Paddington's new home and create a 3D virtual reality tour for him to share with his relatives back in Peru.

## Maths

In Spring 1, we will be revisiting the four operations. We will be exploring the relationships between the operations by looking at how using the inverse operation can help to check our answers and help to solve missing number problems.

In Spring 2, we will be looking at measures. We will learn the different units of measurements for mass, capacity and length. We will also learn about measurements such as temperature and time. We will use our times table facts to help us read scales that go up in a range of intervals.

## Science

This term, we will be learning about materials. We will be exploring the properties of materials and ways in which to classify them. We will investigate the process of melting and dissolving, using a range of experiments. We will finally discover the importance of classifying and understanding materials when recycling.

## RE

In Spring 1, Pupils will learn about the beliefs of Hindus and investigate what it means to be a Hindu. Pupils will also discover what Hindus believe about God and consider the importance of the story of Rama and Sita. In Spring 2, pupils will explore the stories of Holy Week and Easter, linking both with the concept of Salvation. Pupils will also discover the impact Salvation has had on some Christians, whilst looking at forgiveness and its importance.

## Art and Design

This term, we will be exploring the incredible art of Stephen Wiltshire. We will be creating a London skyline using a pencil sketch and a range of shading techniques.

Using TinkerCAD, we will put our engineering skills to the test as we design a new London landmark.

## PSHE

We will be looking at health and wellbeing by commenting on what makes a healthy lifestyle including the benefits of physical activity, rest, healthy eating and dental health. We will discuss how to make informed choices that improve our physical and emotional health. In Spring 2, we will discuss bullying and how this makes people feel.

## Humanities

What is the difference between a city, a town and a village? We'll discover what exactly makes a capital city, why they are located in certain areas and how they contribute economically to a country. We will then focus on London and the landmarks that can be found there. We'll use coordinates to plan a route for a London bus tour and describe the physical and human features of London. Then, we will go back in time to 1666 and find out how the Great Fire of London began and why it caused so much destruction to London.

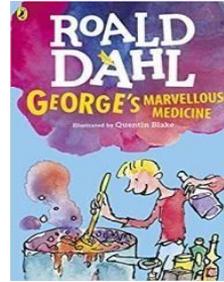
## PE

In PE, we will practise throwing, catching, dribbling and aiming for a target during our unit on ball skills. Then, during our 'invasion games' unit, we will have the opportunity to self-manage our own games whilst working in groups to come up with strategies to beat the opposition.

## Music

We will be looking at a range of music from Reggae to Rock and everything in between. We will look at similarities between all these genres and think about the ways they are linked.

# Summer Year 2



## Literacy

In Summer 1, we will venture back in time to 1666 when a terrible plague has swept through London and people are living in fear of animals who could be carrying the disease. We will meet Woofier who works in the palace kitchen and Tiger Lily who is the pet of King Charles II.

In Summer 2, we meet George as he attempts to make a very marvellous medicine to make his Grandma a nicer person! Challenging ourselves to choose powerful language to describe the variety of ingredients, we will create exciting concoctions of our own!

## Maths

This term, we will be consolidating our understanding of place value and the four operations. We will use the inverse relationship between operations to solve missing number problems and check answers. In geometry, we will describe position, direction using mathematical language. We will recognise rotations as turns and identify quarter, half and three quarter turns both clockwise and anticlockwise.

## Science

The summer term brings us to plants and forces and lots of exciting experiments! We will investigate that oxygen is released by pondweed and link our findings to issues around deforestation. Moving onto forces, we will identify and recognise push and pull forces around us. Following lines of enquiry, we will test air resistance and magnetism.

## RE

In Summer 1, we will be exploring Judaism. We will explore Jewish beliefs and the importance of the Shabbat to Jews.

In Summer 2, we will be discussing the question 'What do Christians believe God is like?'. By reading the story of Jonah and the Whale, we will consider what this story tells us about the nature of God and how Christians can use the story to guide their beliefs and improve themselves.

## Art and Design

Experimenting with a range of artistic techniques and mediums, we will create sunsets and seascapes to reflect different landscapes.

We will mix primary colours to create secondary colours and experiment to find the right balance of water to create a wash.

## PSHE

We will be looking at health and wellbeing and how we can prevent germs and diseases from spreading by having good hygiene. We will also be discussing the positive relationships and networks that we have around us and the people that we can trust and how we can respect the differences and similarities between people.

## Computing

This term, we will be writing algorithms in Scratch. We will join code to program our sprites to perform different actions and run scripts on different commands. We'll also use 3D pens to create our first 3D designs and learn about how the 3D printing process works.

## Humanities

In Summer 1, we will explore Islands around the world. Using symbols and coordinates, we will create maps of Scottish islands and represent the physical and human features.

In Summer 2, we will travel back in time and explore the lives of Florence Nightingale and Mary Seacole. We will understand why they are such important women from the past and how they impacted and changed nursing to give us what we know today.

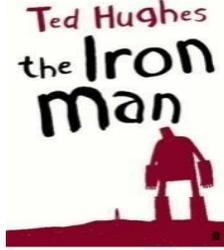
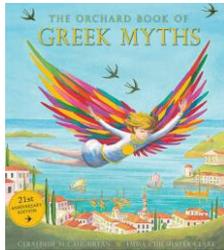
## PE

In PE, we will develop our team building skills by playing games involving throwing, catching, invading and shooting. We will learn how to track and hit a variety of different sized balls when playing against an opponent. Through invasion games, we will develop our understanding of attacking and defending and what being 'in possession' means.

## Music

In music, we will be learning about music in film and how music is used to create emotions in the viewer.

## Autumn Year 3



### Literacy

In our first text this term, we will explore the exciting myths and legends of Ancient Greece. In our writing, we will create our own mythical creatures and understand the features of a true myth. Our second text will introduce us to Hogarth and the mysterious Iron Man. Following his journey starting from a precarious step off a cliff, we will explore and write in the style of Ted Hughes.

### Maths

Place value is our very first topic this term. We will be using a range of resources to represent numbers and understand the difference between digits in a number. We will use  $<$   $>$   $=$  signs to compare and order numbers up to 1000. We will explore multiplication and division using facts for the 3, 4 and 8 multiplication tables. We will explore fractions counting up and down in tenths and using diagrams to recognise families of equivalent fractions. At the end of Autumn, we will learn to tell and write the time from an analogue clock including using Roman numerals.

### Science

Autumn term for Science will all be about light and space! We will be explaining what darkness and light are and investigating light using a spectroscope. We will explore how light travels, how we can change its direction and make observations using a periscope. Later on in the term, we will be looking closely at our solar system: naming explaining the position of the planets and learning about Kepler's laws of planetary motion.

### RE

In RE, we will be thinking about the world that we live in and exploring the creation story. We will explore what Christians believe about God's world and how the world can be looked after. At harvest time, we will consider who we should help and the many ways that we can do this. In Autumn 2, pupils will explore all aspects of the Trinity including the Father, Son and Holy Spirit. Additionally, pupils will discover what Christians believe God does, the Christian practice of 'the grace' and the impact it has on Christian's lives.

### Art and Design

Inspired by archaeological remains we have from Ancient Greece, we will design, create and decorate a clay pot. In Autumn 2, we will manipulate wire into shapes to create our very own mythical creature sculptures which may have been found displayed on the Ancient Greek pantheon.

### PSHE

To begin, we will look at the British Values and understand the terms democracy and rule of law and why they are important. We will understand what makes a positive, healthy relationship, including friendships and the differences between secrets and nice surprises.

### Computing

We will be writing algorithms in Scratch to program an animation of a Greek myth. We will also program Sphero robots, creating code on tablets and sending this to the small, sphere shaped robots using bluetooth. We'll control how they move using programming skills and guide them around different tracks and assault courses

### Humanities

We will travel back in time to Ancient Greece and explore the states of Athens and Sparta. Studying artefacts, we will explore Ancient Greek warfare and the role of mythology. In Autumn 2, we will step into modern-day Greece and explore its physical and human features. We will make comparisons between and region in Greece and our local area and then look closely at the geography of Mount Olympus.

### PE

In hockey, we will develop our dribbling skills with a hockey stick. We will develop open stick dribbling, dribbling to beat a defender and sending with a push pass. Next, we will create dances in relation to an idea: working individually, with a partner and in small groups.

### Music

This term, we will be studying music from various periods of history such as the Medieval, Baroque and the Post-War period.

### French

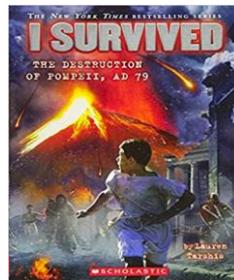
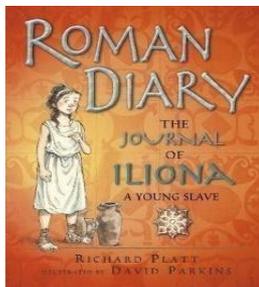
We start our French lessons this term by learning the alphabet and practising letter strings before moving on to feelings and how we can express how we feel.

# Spring Year 3

## Literacy

Our core texts for this term will be centred around ancient Rome. We will be reading about Marcus' terrifying experiences in Pompeii when Vesuvius erupts and how he manages to survive.

In the second half term, we will read about Iliona's experiences from Greece to Rome and experience the luxury, excess and politics of Roman life through her eyes in 'Roman Diary The Journal of Iliona'.



## RE

In Spring 1, pupils will learn about the teachings of Hinduism and how to ask questions about what Hindus believe. They will also explore how Hindus show that family is important and why visiting sacred places is particularly important to Hindus. In Spring 2, pupils will explore the meaning of the cross and take a look at Holy Week using extracts from the Gospels. Pupils will also learn about how Christians and different churches celebrate Holy Week and discuss emotions related to the events.

## Art and Design

In Spring, we will be creating pieces of digital art inspired by the volcanoes we learnt about in topic and literacy. We will also look at busts of famous figures from Ancient Rome and drawing our own versions.

## PSHE

We will be looking at health and wellbeing by commenting on what makes a healthy lifestyle including the benefits of physical activity, rest, healthy eating and dental health. We will discuss how to make informed choices that improve our physical and emotional health.

In Spring 2, we will discuss bullying and how it makes people feel.

## Computing

This term we will be understanding the use of data and how information is stored. We will learn about cloud based storage as well as how the internet works! We will be also creating our own animations based on the Roman gods!

## Humanities

In Spring 1, we will learn about volcanoes and understand why people would choose to live next to them. We will also look at the events leading up to the eruption at Vesuvius in the first century. In Spring 2, we will explore the Roman impact on the world and their conquest of Britain. We will look at the conquest from another point of view and learn about Boudica's ultimately unsuccessful revolt against the Roman invaders.

## PE

We will practise our batting and fielding skills during many games of rounders this term. We will also delve into the rules of netball and begin understanding the different positions and the areas that they can travel in.

## Music

We will be looking at a range of music from Reggae to Rock and everything in between. We will look at similarities and differences between these genres.

## French

We will explore Ancient Britain and the Romans, using J'ai and J'habite to explain where you live and what you are.

## Maths

In Spring 1, we will be revisiting the four operations. We will be use mental and formal methods to solve calculations. As we revisit fractions we will be recognising, finding and writing fractions of a discrete set of objects or amount. We will be adding and subtracting fractions with the same denominator and solve fraction problems.

In our measures unit, we will be exploring length using mm, cm, m and km and measuring accurately using the intervals on a scale.

## Science

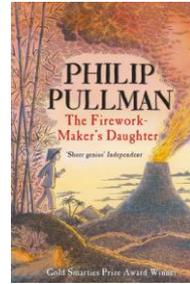
This term, we will be dissecting a range of flowering plants. During these lessons, we will become botanists as we study, examine and identify the different features of plants and explain how these organisms adapt to suit their surroundings. Towards the end of term, we will begin to understand the complicated process of photosynthesis and discuss why process is so important.

# Summer Year 3

## Literacy

In Summer 1, we will meet Lil and her friends as they embark on an incredible journey to return a package to its resting place, to protect those they love and to break the deadly pharaoh's curse.

In Summer 2, we follow the footsteps of Lila in an inspiring story of her dream to become a firework-maker just like her father. We will choose language carefully to describe her personality and engage the reader in her adventure.



## Computing

We will program algorithms to create Egyptian patterns for Cleopatra's cloth. In Summer 2, we will use Co-Spaces to create interactive 3D worlds which we will send to VR headsets to travel around in virtual reality! We'll use code to program the worlds to respond to our movement when we wear the VR headsets!

## Humanities

Firstly, we go back in time and place Ancient Egypt on a timeline. We will understand Egyptian society, its structure and why pharaohs were so important. In the second half of the term, we will step into modern-day Egypt and will be looking at the importance of the River Nile and the effects of climate change.

## Maths

This term, we will be exploring a variety of topics, including number and place value, fractions and measure. We will partition numbers to help us find 1000 more or less than a given number. We will apply our knowledge of the four operations to solve various word problems. Looking at simple 2D shapes, we will be measuring the perimeter and starting to work out missing lengths with the information given. Looking at pictograms, bar charts and tables, we will interpret and present data and be able to answer questions by analysing the data.

## RE

During Summer 1, we will be exploring Islam and how Muslims show respect for Allah in everyday life. Describing the different ways in which people express their faith, we will understand why Muslims fast during Ramadan and celebrate Eid-al-Fitr. In Summer 2, pupils will explore the idea of the Kingdom of God, learning about the Disciples' emotions on the day of Pentecost, as well as the story of Pentecost itself. Pupils will also investigate the Christian belief of the Holy Spirit and look at what some Christians believe the Kingdom of God should be like.

## PE

We will develop the key skills required for tennis such as the ready position, racket control and forehand and backhand strokes. We will learn how to score points and how to use skills, strategies and tactics to outwit the opposition. We will also practise the skills needed to play cricket.

## Art and Design

Following our Ancient Egyptian study, we will be looking at arguably the most famous Ancient Egyptian pharaoh - Tutankhamun - and creating our own versions of his famous death mask.

## Science

This term, we will have our world rocked as we study the different properties of igneous, sedimentary and metamorphic rocks. We will see what we can 'dig up' during our lessons on fossilisation before understanding what is meant by 'permeability'.

## PSHE

In PSHE, we will think about changes that can happen in life and the feelings associated with this. We will recognise that change brings about emotions and come up with ideas for dealing with change. We will also explore how we might experience negative pressure and how to manage this.

## Music

We will explore various types of music and their associated dance styles.

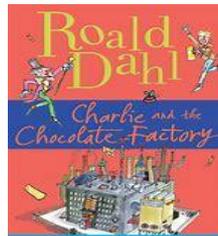
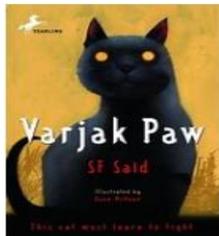
## French

In the Summer term, we will be exploring animals and fruit. We will be able to name common animals and fruit. Qu'est-ce-que c'est ton animal préférée?

## Literacy

At the beginning of the Autumn term, we will be writing action stories based on the novel 'Varjak Paw' by S.F. Said. Our reading lessons will involve delving deeper into the character of Varjak to understand why he is so eager to venture into the outside world.

In Autumn 2, we will be reading 'Charlie and the Chocolate Factory' by Roald Dahl. We will meet the eccentric chocolatier, Willy Wonka, and meet the other interesting characters who have gained access to his fascinating chocolate factory.



# Year 4 Autumn

## Computing

We will use databases and spreadsheets to organise the logistics of owning alpacas. We'll write formulae to calculate costs and keep to budget, setting criteria to make sure they are correctly fed and exercised. We'll then use Tinkercad to design a 3D alpaca model (with moving parts) which will be printed on our 3D printer!

## Humanities

During Autumn 1, we will have a geographical focus as we learn about the wonderful world of alpacas. Not only will the children be able to visit the alpacas at St Saviour's Forest School, they will also learn how to look after them from an expert! We will then move on to explore South America as a continent. In Autumn 2, we will be travelling back in time to the ancient Mayan cities with towering pyramids, monumental sculptures, and enigmatic hieroglyphs. We will also have the chance to discover the three theories behind what led to the decline of Ancient Maya.

## Maths

A huge focus throughout our maths lessons will be learning and recalling the multiplication and division facts for all of the times tables up to 12 x 12. This term, we will start by focusing on the properties of number and place value. We will also learn how to multiply by 10 and 100, explaining what happens to the value of each digit when we do this. In Autumn 2, we will then move on to identifying the properties of shape, using mathematical vocabulary throughout.

## R.E

During Autumn 1, Pupils will explore the differing stories of creation, the story of Adam and Eve and the importance of 'the fall' for Christians. Pupils will also learn about the Christian belief that God always offers forgiveness, as well as discover what stories in the Bible say about human beings. In Autumn 2, pupils will explore the teachings of John 1, study Jesus' birth according to the gospels of Matthew, Luke and John and investigate the concepts of Incarnation and the Trinity.

## Art and Design

We will be using our design and sewing skills to produce alpaca-themed slippers. Our slippers will need to be thoughtfully designed, carefully stitched and suitable for wearing. In Autumn 2, we will design and create our own Mayan soap using intricate and unique Mayan hieroglyphs. Once finished, we will be presenting our soap bars as gifts to family and friends!

## P.E

This term, we will work on a variety of our fitness skills: agility, balance, coordination, speed, power and reaction times. We will then move on to hockey, developing our dribbling and passing skills while utilising all areas of the hockey stick.

## Science

Our Science topic throughout the Autumn Term is materials. Each lesson will involve a practical activity or experiment, such as comparing conductors and insulators, investigating the properties of plasticine and testing the hardness of different materials. We will study the properties of different materials and explain how their properties makes them suitable for different purposes. We will learn how to make predictions, carry out accurate investigations and present our results.

## Music

This term, we will be studying music from various periods of history such as the Medieval, Baroque and the Post-War period. We will then move on the history of world music.

## PSHE

This Autumn term, we will be discussing British Values and the wider world. We will look at how citizens can influence decision making and tolerate different faiths and beliefs.

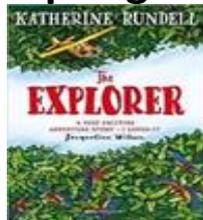
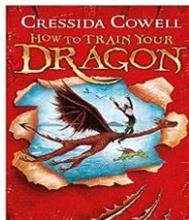
## French

Our Autumn term will start with animals and habitats. We will be able to name a variety of habitats and describe the plants and animals that live there.

## Literacy

In Spring 1, we will set off to the Isle of Berk with Hiccup and the other Vikings in 'How to Train Your Dragon'. We will extend our descriptive language and sentence structures to bring our characters and the setting to life.

For Spring 2, we will travel to the Amazon and fend for ourselves in 'The Explorer'. We will have the opportunity to write a beginner's guide to the Amazon Rainforest, targeting explorers who might want to venture to the planet's most diverse rainforest.



# Year 4 Spring

## Maths

Throughout the Spring term, we will be focusing on the place value of numbers, using written and mental methods for all four operations and solving problems involving fractions. We will add and subtract pairs of two-digit numbers mentally and find a difference by counting on. We also be looking at multiplying and dividing a one-digit number by a two-digit number. Keep logging on to the TTRockstars website at home to practise your times tables knowledge.

## Science

The force will be with us this term as we're learning about gravity, rockets, parachutes and magnetism! We will have the chance to study Sir Isaac Newton and his contribution to understanding the world around us. We will delve further into the forces of attraction, what is meant by gravitational pull and matter by engaging in a range of fun and practical investigations.

## R.E

In Spring 1, pupils will learn about the teachings of Hinduism and begin to understand what Hindus believe in, as well as explore the different forms of the Hindu God. Pupils will also look at how Hindus show respect to God and endeavour to live a good life. In Spring 2, pupils will explore why the events of the last supper were important to the Disciples as well as looking at the events of Maundy Thursday and remembrance.

## Art and Design

In Spring 1, we will be creating our own Viking longship using a wide range of materials. It must be strong enough to avoid attack and must be long enough to carry 190 Vikings! Will you be able to construct moveable oars?

In Spring 2, we will be becoming Eco-Warriors by recycling materials to create our own selfie frames using the quilling.

## PSHE

We will be looking at our British values, focusing on how to treat each other respectfully and the importance of tolerance. We will also identify the importance of healthy eating and leading active lifestyles.

## Computing

We will also be writing code to create our own game based on critter catching! We'll use Tinkercad software to design different 3D animal models and print these using the 3D printer.

## Humanities

Spring 1 takes us back in time to meet the Vikings and the Anglo-Saxons! We will be exploring how and why both groups settled in Britain and their struggle for power when seizing control of the English Kingdom.

In Spring 2, we will be locating and examining rainforests around the world. Revisiting South America once more, we will dive into the world's largest and most biodiverse rainforest: the Amazon Rainforest. We will identify the impact of deforestation and explore how this contributes to climate change.

## P.E

We will begin by heading down to our local swimming pool and learning several strokes and how to stay safe in the water. Then, we will develop our teamwork, passing and defence skills as we learn how to play tag rugby.

## Music

We will be looking at a range of music from Reggae to Rock and everything in between. We will look at similarities and differences between these genres.

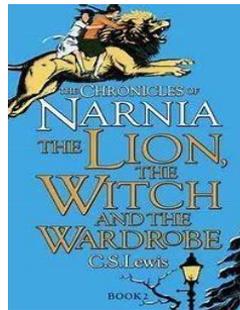
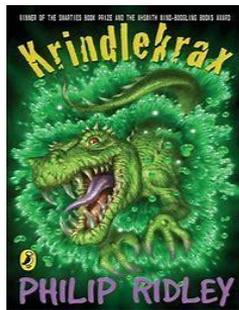
## French

In French, we will be learning about family names and relations. We will be able to ask and answer questions about ourselves and our classmates.

## Literacy

In Summer 1, we will be going on a journey with Ruskin Splinter who dreams of being a great actor. Unfortunately, the school bully seems to get in his way but Ruskin soon finds solace with the kind-hearted school caretaker. Will Ruskin be able to prove to the street that he really is a hero?

In Summer 2, we venture on a magical journey to Narnia with the Pevensie family. We will challenge ourselves to describe this enchanted setting and create an informative guide for anyone who may stumble through an enchanted wardrobe of their own!



# Year 4 Summer

## Maths

Throughout the Summer term, we will be focusing on fractions and their equivalences. We will also be solving word problems involving fractions and inverse operations. We will then move onto finding the area of 2D shapes before moving on to converting units of length, mass and capacity. Keep logging on to the TTRockstars website at home to practise your times tables knowledge.

## Science

This Summer term, we will be learning all about organisms (living things). We will begin by exploring how exercise affects our heart rate and understand the functions of different organs in our body. We will then explore the human skeleton, learning the names for the bones in our body. We will have opportunities to engage in a range of fun and practical experiments to test predictions and variables.

## R.E

For the Summer term, we will be learning about Sikhism. We will look at the 5 K's of the Sikh belief and how they contribute towards spirituality and faith. We will also be gaining a deeper understanding into the concept of Pentecost and the role of Jesus in Christianity.

## Art and Design

In Summer 1, we will be investigating various mechanical systems and then engineering our own Millennium Eye using CAD to design and manipulate. Once printed, our challenge will be to add an electronic component!  
In Summer 2, we will be creating our very own heraldic coat of arms to symbolise key elements associated with our family and heritage.

## PSHE

This term, we will be looking at how to build positive relationships and work collaboratively with others. We will also be looking at the impact of stereotyping and how we can overcome this to become better people in this world.

## Computing

This term, we will be focussing on online safety and creating our own Google websites to teach others about the importance of staying safe online. We'll develop our 3D design and printing skills further as we design our own 3D chess sets, print these on our 3D printer and use them to hold a friendly chess game with our friends.

## Humanities

In Summer 1, we will be looking at coastlines and rivers. We will be studying how seas shape the coastlines in the UK and make comparisons to countries abroad. We will investigate key geographical concepts such as physical processes and human effects on the environment. We will then look at possible solutions to help maintain and protect coastlines in the UK. In Summer 2, we will explore the Normans and how they invaded Britain. We will then move on to complete this year's history units by exploring the significant events of the Battle of Hastings in 1066.

## P.E

We will begin the Summer term by dribbling, passing, defending and scoring during our football unit. Then, we will develop the key skills required for tennis such as serving, racket control and strokes such as the forehand and backhand. We will learn how to score points against the opposition, using terms such as love and deuce.

## Music

This term, we will explore how and why music is incorporated into events such as National Anthems, Sporting events and religious services.

## French

This term in French, we will be learning key phrases to describe the weather and how to hold a conversation and order items at a café.

## 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.

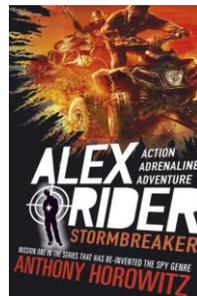
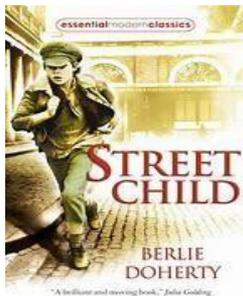
## Maths

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 about creation. Pupils will also learn about the Christian views around science and faith. In Autumn 2, Pupils will also learn about the Christian belief that Jesus is the Messiah.

In addition, pupils will also look at how Christmas is celebrated in different parts of 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 then be using bas-relief, a sculpting technique using clay, to create our own tiles reflecting his work.

In Autumn 2, we will become Q from the James Bond franchise and create our own gadgets using the different components of a circuit.

## PSHE

We will learn and debate about British Values and our place in the wider world. Then, we will explore how to make and maintain 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 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 our local area, collecting data and making comparisons over time.

## P.E

This term, we will focus on developing our passing, ball control and defending techniques during our football unit. We will also improve our stamina, agility and coordination during our exciting fitness sessions.

## Music

This term, we will investigate music from the Medieval period. We will explore how music styles varied during the Middle Ages and compare these to modern-day pieces.

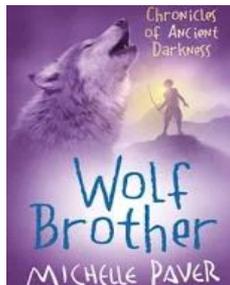
## French

In French, we will be learning words and phrases related to 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) who must save his community from danger. Will he make it out alive or will the demonic bear succeed in destroying the Forest?

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, we will be looking at the work of Berry Fritz and create our own still life paintings of the natural world using her style.

## PSHE

We will be learning about 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 past, the development of hunter gatherers and the early settlers in Britain.

In Spring 2, we will be focusing on North America. Using our Virtual Reality headsets, we will explore the beauty of the Grand Canyon and consider the impact of tourism on this area.

## P.E

In hockey, we will practise dribbling, trapping, passing and tracking the ball. We will then move on to more advanced skills such as goal scoring and defending with the stick. In dance, we will choreograph creative sequences in small groups to music.

## Music

This Spring term, we will listen to music with focus, analysing its composition using musical vocabulary. We will also develop the use of dynamics in songs and learn a melodic ostinato using staff notation.

## French

In our Spring term, we will explore the topic of 'Pets'. We will be able to name a variety of domesticated animals and say whether we have them in our homes. In Spring 2, we will then move on to naming different animals' habitats.

## Maths

This term in maths, we will continue to work on consolidating 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 learn about coordinates on four quadrants and begin translating shapes.

## Science

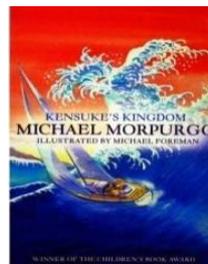
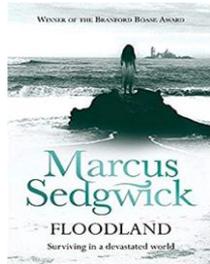
This Spring, we will be observing many chemical reactions inside of our classrooms. We will understand what is meant by acids and alkalis and learn about pH levels. Through exciting, hands-on investigations, we will explore the various pH levels of different substances and understand how red cabbage can indicate whether a substance is an acid or alkali.

## Literacy

In Summer 1, we will be reading 'Floodland' by Marcus Sedgwick. England has been covered in water and the protagonist (Zoe) lives alone on the island of Norwich.

Can she survive the marauding gangs and navigate herself off the dangerous island?

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 and fruit and a bowl of fresh water. He is not alone . . .



# Year 5 Summer

## Maths

This Summer term in maths, we will continue strengthening our understanding of fractions, decimals and percentages. We will then be measuring and calculating the size of angles in triangles, along a straight line and around a point. Finally, we will be using our knowledge of place value to solve conversions by either multiplying or dividing by 10, 100 or 1000. We will also be multiplying a decimal using a written method and explaining each step.

## Science

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

## 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 what kind of King Jesus is, 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'.

## Art and Design

In Summer 1, we will be creating our own bronze plaques out of clay, taking inspiration from the beautiful artwork produced in the ancient Kingdom of Benin. In Summer 2, we will be using a range of abstract artistic skills inspired by ocean scenes to help create our own unique interpretations!

## 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.

## 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

Throughout Summer 1, we will be learning about the ancient Kingdom of Benin. We will explore the role of Obas, make comparisons between other civilisations and explore what led to the decline of this thriving kingdom.

In Summer 2, we will embark the Titanic and explore its adventures across the Atlantic ocean. We will be investigating how and why the Titanic sunk and how icebergs are formed. We will also examine extreme weather conditions and their link to global warming.

## 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, we will think about how to achieve our greatest possible speed, height, distance or accuracy and learn how to persevere to achieve our personal best.

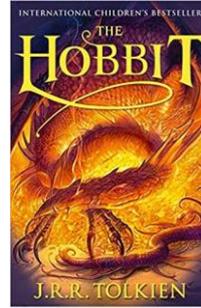
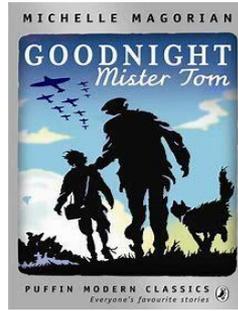
## Music

We will explore music from animated films from the 1920s and make comparisons to present day movies. We will learn techniques for creating soundtracks and film scores, and compose our own music for a movie.

## French

In Summer 1, we will be able to recall the months of the year and learn how to say the date of our birthdays. In Summer 2, we will explore sports with the verb 'faire', focusing on the Olympic Games.

## Year 6 Autumn



### Literacy

This Autumn term, we will be reading the text 'Goodnight Mr Tom'. We will explore the life of William Beech, a wartime evacuee, whose life changes when he meets Thomas Oakley! Inspired by the story, we will put our literacy skills to the test to write biographies and autobiographies. We will use this text and a non-fiction text (D-Day) to further immerse ourselves into our history unit of WW2. We will then move onto the world-renowned 'The Hobbit', immersing ourselves in all things Middle Earth. Hopefully, we don't meet any goblins!

### Maths

This Autumn term in maths, we will be focussing on solidifying our arithmetic skills and beginning to apply these to complex, multi-step problems. We will begin by studying place value, working with numbers up to 10 million! We will be looking at multiplying and dividing numbers by 10, 100 and 1000 and using that knowledge to solve decimal calculations. After this, we will move onto fractions, decimals and percentages where we will find percentages of amounts and carry four operations using fractions.

### Science

This term in science, we will be mastering our science skills throughout our unit on 'Sound'. We will be exploring how sound travels, how wavelengths differ and, most important of all, can we really see sound? After this, we will be exploring a biology topic, using microscopes to explore onion cells and learning all about microorganisms.

### R.E

In Autumn 1, Pupils will explore the role of God and humans in creation, the impact that Psalm 8 has on the actions of a group of Christians and the role of God as Creator of all things. In Autumn 2, pupils will explore the links between Biblical texts and the life of Jesus, as well as learning about how Jesus' actions made him a humble peacemaker. Pupils will also look at the transfiguration and the role and significance of Christmas.

### Art and Design

During the autumn term, we will be looking at the work of Banksy. We will create our own art, inspired by Banksy, to portray key messages about protecting the environment.

### PSHE

What do the British Values mean to us? We will be exploring what they mean and how they are used in our country. Then, we will move onto to look at friendships and how to ensure that we have healthy friendships with others.

### Computing

We will use App Maker software to create apps to solve problems of accessibility in the modern world. We'll create apps which turn text into spoken word and respond to different stimulus to make the world an easier place to live in.

### Humanities

Throughout the autumn term, we will be learning about World War Two. We will be studying the consequences of WW1 and the build up to WW2. We will dive deep into the impact of WW2 both across the UK and other parts of the world. We will be looking at the effect of rationing, evacuation and propaganda on the country. We will have the opportunity to deeply analyse war in Britain and how and if society has learnt lessons from the past.

We will then move onto learning about ocean pollution. We will look at the causes and what we can do to effect change on this issue.

### P.E

At the start of the year, we will be learning to play rounders and perfecting our batting and bowling skills. We will also be practicing our football skills. For indoor PE, we will be choreographing dance routines and improving our gymnastics skills.

### Music

This term, we will be music from various periods of history such as the Medieval, Baroque and the Post-War period, comparing and contrasting the styles and techniques. We will then move on the history of world music.

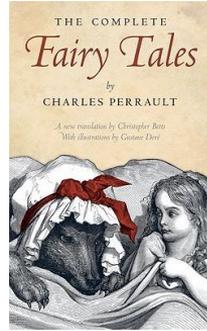
### French

In French, we will be learning words and phrases connected to our topic of WW2.

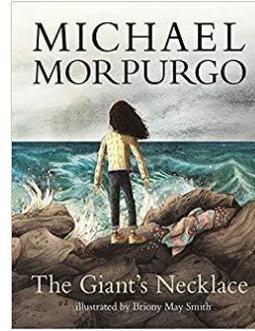
## Literacy

In the first half of the Spring term, we will be looking at classic fairy-tales written by French author, Charles Perrault. We will explore how and why adaptations have been made over the years. Following Perrault's inspiration, we will be writing our own fairy-tale but with a gruesome twist!

In the second half of the Spring term, we will study *The Giant's Necklace*; we will read about the tragic tale of Cherry and a little on the history of Cornwall's industrial past. Our study of this book will culminate in the writing of a newspaper article about the events of the story.



## Year 6 Spring



## Computing

This term, we will develop our own 'story idea generator' app. We will test them out on tablets to make sure the code is accurate and consider how to market them so that others can download too! We will also be looking at how to stay safe when using social media apps.

## Humanities

We will be learning about *Crime and Punishment* through the ages from the 1450's until the last century. We will look at the introduction of a police force by Robert Peeler and how crimes were prosecuted in the past.

## Maths

This Spring 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 algebra, statistics and ratio and proportion before moving onto geometry and place value. When looking at algebra, we will be focusing on formulating expressions and solving the  $n$ th term when studying a sequence of number. When looking at ratio and proportion, we will be looking at the comparison of two values and its link to fractions.

## R.E

During Spring 1, pupils will learn about what Jewish people believe, the importance of traditions and customs in Jewish life, as well as the significance of Hanukkah in the lives of Jewish people. In Spring 2, pupils will explore the accounts of Jesus' death and resurrection, the impact and significance of the resurrection and how artistic representations link with Christian concepts.

## P.E

We will improve on key skills used in hockey and cricket - let's hope it doesn't knock us for six! Then, we will move onto a range of fitness challenges to test, monitor and record our fitness. We will learn different components of fitness including speed, stamina, strength, coordination, balance and agility.

## Science

This Spring term in science, we will be focusing on Biology and learning about different types of microorganisms alongside the circulatory and skeletal systems. We will then move onto Chemistry and look at changes of state and the processes of filtration, chromatography and distillation.

## Art and Design

We will be delving into the world of recyclable fashion to create our own unique handbags or wallets using recycled material.

## PSHE

This spring term, we will be learning about 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.

## Music

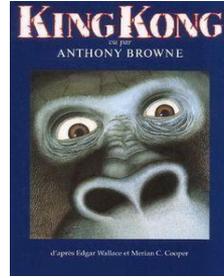
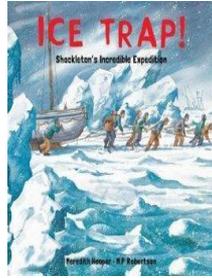
We will be looking at a range of music from Reggae to Rock and everything in between. We will look at similarities between all these genres and think about the ways they are linked.

## French

In French, we will be learning words and phrases connected to us in the world and what we like to do on the weekend.

## Literacy

In the first half term,, we will be reading 'Ice Trap!' It's August, 1914: Shackleton sets off from England with a team of explorers to walk across the Antarctic and study the icy depths of this little-known and forbidding continent.. Will they survive the perilous seas? As we approach the end of the year, we will be reading 'King Kong'. We will follow the journey of a giant gorilla who moves to New York City and becomes enslaved by his a cruel film maker.



## Year 6 Summer

## Computing

We will consider the concept of online representation and reality – how are they different and how do we prevent ourselves from being unhealthily engrossed with online presence? We'll also use our 3D design skills to create 3D printed plastic book bag name tags to welcome the new Reception children to our school. These will be printed and sent along with a note from us for the new-starters to hang on their bags for their first day at school if they wish!

## Humanities

In Summer 1, we will be studying Baghdad and the rise of the Islamic Golden Age. We will go on a journey through the Silk Road and discover how Baghdad was the trade capital. We will learn about the great scholars who contributed to modern-day science and maths as we know it and how great minds, from all over the world, came to study under the Islamic civilisation. In Summer 2, we will whizz around the world to Japan. We will be comparing its physical and human features to the UK and exploring its exciting culture and traditions.

## Maths

This Summer term, we will be consolidating all of our learning with challenging multi-step word problems and quick arithmetic calculations. We will focus on solving algebraic equations, converting units of measure, comparing volume and capacity and interpreting graphs. We will have the opportunity to expand our maths by justifying and reasoning our operations and use of certain calculations. We will be looking at how we can solve calculations most effectively and accurately, ensuring our answers are correct.

## R.E

In Summer 1, pupils will learn about Islam and what Muslims believe. Pupils will also learn about how Hajj makes Muslims feel they are part of one family and how Muslim faith communities are like world-wide families. In Summer 2, pupils will look at the connections between biblical texts and the concept of the Kingdom of God, forgiveness and how forgiveness is a Christian concept, as well as understanding the impact of Jesus' actions.

## Art and Design

In conjunction with our topic on the Islamic Golden Age in Baghdad, we will be looking at the art seen in the city. We will then be constructing geometric patterns based on the art we have looked at. We will then explore a range of mediums to create a piece of art inspired by Japan.

## P.E

We will take part in a range of activities designed to improve our teamwork such as guiding a blindfold teammate to a location. We will then move onto athletics and basketball. To end the year, we will tackle tag rugby.

## Science

This Summer term in science, we will be focusing on adaptation and evolution. We will be studying how organisms can be bred to have different characteristics and whether selective breeding has more advantages than disadvantages. We will also be looking at chemistry and atoms, elements and electrons - some of the smallest particles in our universe.

## PSHE

This Summer term, we will be focusing on transitions. We will be looking at how to cope with change and why changes happen to help prepare the children for their move to secondary school.

## Music

We will be looking at the use of music in advertising and how certain songs are used to make us feel certain ways and buy certain products.

## French

We will be able to express opinions on subjects that we like and dislike at school before moving on to explore the planets in the Solar System.