

Year 5 Term 1	English Character Descriptions – We will study various creatures from Ancient Greek myths and use a number of descriptive devices to bring them to life to for the reader. Myths and Legends - We will use our white and green hats to explore the features of myths and legends, then write our own version of Theseus and the Minotaur. Playscripts - We will also write a playscript based upon the famous Ancient Greek myth, ‘Demeter and Persephone’.	Mathematics - Number - Place value - Roman numerals - Addition - Subtraction - Inverse operations - Rounding	P.E. Basketball - Children learn the basic rules of basketball and learn different techniques to dribble the ball with control. They will practise a variety of passes and shoot using the correct technique. They will develop their ability to attack and defend strategically. Rugby – Children will pass, receive and shoot the ball with increasing control under pressure. They will create and use a variety of tactics to help a team.
R.E. Christianity - What does it mean if God is loving and holy? The children we be discussing different ways of describing God and creating illustrations to show this. We will also be discussing whether it is more important for God to be loving, holy, or a balance of both.	Science Earth and Space Children will describe the movement of the planets in relation to the sun and the movement of the moon in relation to the Earth. They will develop understanding of the Earth’s rotation to explain day and night. Children will identify and use scientific opinion, including views that differ. They will record their knowledge using diagrams and tables.	Computing Computer systems and networks Learners develop their understanding of computer systems and how information is transferred. Learners consider the differences between small-scale systems and large-scale systems. They explain the input, output, and process aspects of a variety of different real-world systems. Learners discover how information is found on the World Wide Web through learning about search engines, what influences searching, and through comparing different search engines.	History What did the Ancient Greeks ever do for us? We will be heading back in time to investigate life in Ancient Greece. We will explore the different lifestyles of citizens from the city states of Athens and Sparta. To answer our enquiry question, we will focus on Ancient Greek religion, philosophy, leadership, writing, artwork, buildings and sport to help us understand the significance of Ancient Greek innovations on modern-day life.
Art/D.T. Ancient Greek Sculpture We will be using our knowledge from our history topic to design, create, paint and evaluate our own Ancient Greek vases. Children will look at Ancient Greek vases, using models to sketch their own ideas in which to eventually sculpt using clay. Children will then develop their painting skills using acrylic paints to complete an Ancient Greek design on their vase.	Music RHYTHM BUILDERS We will be following Sparkyard’s unit called Exploring Rhythmic Layers. We will develop our understanding of rhythm and rhythmic notation and get to grips with time signatures, learning to ‘feel’ the difference between 3 and 4 beats in a bar. We will explore folk traditions and learning to play rhythms expressively. We will be using claves, untuned percussion instruments and untuned percussion instruments such as drums, tambours or tambourines.	PSHE Being Me in My World The children think and talk about the year ahead, goals to set for themselves, as well as the challenges they may face. They learn and talk about their rights and responsibilities as a member of their class, school, wider community and the country they live in. The children talk about their own behaviour and its impact on a group as well as choices, rewards, consequences and the feelings associated with each. They also talk about democracy, how it benefits the school and how they can contribute towards it.	Languages ‘La date’ - The date By the end of this unit we will be able to: - Recognise and recall the 7 days of the week in French. - Recognise and recall the 12 months of the year in French. - Recognise and recall numbers 1-31 in French. - Ask what the date is and say the date in French.

Year 5

Term 2

English

Narrative - We will be focusing on Brazil in English with our core text being 'The Explorer' by Katherine Rundell. We will study poetry and write our own about different features of Brazil. We will start writing non-chronological reports about things to do in Brazil as well as instructions on how to make Carnival masks.

Mathematics

- Multiplication
- Division
- Multiples
- Factors
- Prime numbers
- Square and cube numbers
- Fractions (adding and subtracting)

P.E.

Hockey – Children will pass, receive and shoot the ball with increasing control under pressure. They will create and use a variety of tactics to help a team.

Dance – Children will adapt and refine actions, dynamics and relationships in a dance. They will perform different styles of dance clearly and fluently. They will recognise and comment on dances, showing an understanding of style.

R.E.

Christianity – Was Jesus the Messiah?

Children will learn to explain the place of Incarnation and Messiah within the 'big story' of the Bible. They will identify Gospel and prophecy texts, using technical terms. They will explore how Christians put their beliefs about Jesus' Incarnation into practice in different ways in celebrating Christmas. They will weigh up how far the idea that Jesus is the Messiah — a Saviour from God — is important in the world today and, if it is true, what difference that might make in people's lives.

Science

Forces

Children will understand the force of gravity and the way it acts between objects and the Earth. They will learn about air resistance, water resistance and friction. Children will also recognise that mechanisms allow a smaller force to have a greater effect. Children will be planning their own investigations to answer questions – identifying any unusual results.

Computing

Video production

Learners will create short videos by working in pairs or groups. As they progress through this unit, they will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video. Learners are guided with step-by-step support to take their idea from conception to completion. At the conclusion of the unit, learners have the opportunity to reflect on and assess their progress in creating a video.

Geography

How diverse is the physical and human geography of Brazil?

Pupils will explore the physical geography of Brazil, including an in-depth look at the Amazon rainforest. Children will find out how urbanisation is affecting Brazil, and explore why Rio de Janeiro is often called a 'city of two halves'. They will explore the tourist attractions the city has to offer, and finally immerse themselves in the culture of Brazil.

Art/D.T.

Painting

We will be studying the creations of two famous Brazilian artists – Romero Britto and Beatriz Milhazes. We will use the qualities of watercolour and acrylic paints to create visually interesting pieces, combining colours, tones and tints to enhance the mood of a piece. We will learn to use brush techniques and the qualities of paint to create texture.

Music

RHYTHM BUILDERS – Exploring Rhythmic Layers

This term we will continue with the unit called RHYTHM BUILDERS. They will learn how composers create interesting textures by combining layers of musical sound. They will use ostinato to accompany songs, creating interesting polyrhythmic textures. Children will represent musical textures through notation. With a selection of activities to choose from, the children can explore rhythm grids or create a layered composition inspired by composers taking part in a video call! We will be using a range of untuned percussion instruments.

PSHE

Celebrating Difference

We will explore culture and cultural differences. We will talk about what racism is and how to be aware of their own feelings towards people from different cultures. We will revisit the topic of bullying and discuss rumour spreading and name-calling. The children talk about direct and indirect bullying as well as ways to encourage others to not using bullying behaviours. The class talk about happiness regardless of material wealth and respecting other people's cultures.

Languages

'Ma famille'- My family

By the end of this unit we will be able to:

- Remember the nouns for different family members in French from memory with their articles/determiners.
- Describe our own or a fictitious family in French by name, age and relationship.
- Learn numbers up to 70 and the multiples of ten (10-100) in French.

Year 5 Term 3	English We will be focusing our study on the book 'The Titanic Detective Agency'. Newspaper Report – Children will recount the event of the Titanic's launch, learning about the main features of a report and then writing their own. Blackout poetry – Children will explore blackout poetry and create their own Diary Entry – Using our core text, the children will choose to write a diary entry from the point of view of one of the characters.	Mathematics - Addition - Subtraction - Multiplication - Division - Fractions (multiplying)	P.E. Gymnastics – Children will create and perform sequences using apparatus, individually and with a partner. They will use strength and flexibility to improve the quality of performance. Netball – Children will pass, receive and shoot the ball with some control under pressure. They will develop a wider range of skills and begin to use these under some pressure. They will select and apply preferred skills with increasing consistency.
R.E. Christianity - How can following God bring freedom and justice? We will use the story of Exodus to help us find out how people of God followed him. We will explain connections between the story of Moses and the concepts of freedom and salvation. We will explore ways in which some Christians put their beliefs into practice by trying to bring freedom to others.	Science Properties and changes of materials Children will compare and group together materials based on evidence from comparative and fair tests. They will also be able to give reasons for particular uses of everyday materials. Children will use their prior knowledge of solids, liquids and gases to decide how mixtures might be separated. They will draw conclusions from data and use appropriate scientific vocabulary.	Computing Data and information This unit looks at how a flat-file database can be used to organise data in records. Learners will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems. They will also use a real-life database to answer a question and present their work to others.	History How can historical sources help us learn about the Titanic and life in 1912? We will be using historical sources to discover more about the disaster and its passengers. We will explore how life on-board the Titanic and the disaster were affected by class and social attitudes. Each child will receive the profile of a real-life passenger, investigating their journey and fate.
Art/D.T. Structures This term, children will create shoebox ship cabins using joining techniques to create furniture and printing to create unique wallpaper. They will develop their designing skills by sketching their plan and consolidate their mathematics skills through measuring correct lengths in order to fit their shoeboxes.	Music MUSIC AND WORDS This term is all about music and words! We will improvise musical conversations and compose music inspired by poetry! Different songs will teach us to recognize the inter-related dimensions of music. Children will learn to represent expressive features of music in a graphic score and then use musical vocabulary to describe their creations!	PSHE Dreams and Goals The children will think about their dreams and goals and how they might need money to help them achieve them. They look at jobs that people they know do, exploring the fact that some jobs pay more money than others and reflect on what types of jobs they might like to do when they are older. The children look at the similarities and differences between themselves (and their dreams and goals) and someone from a different culture.	Languages 'En classe' – In class By the end of this unit we will be able to: - Recall from memory a selection of nouns and indefinite articles for common classroom objects. - Learn how to use the negative in French. - Describe what we have and do not have in our pencil case. - Respond to simple classroom commands

Year 5 Term 4	English For our biomes unit we will continue to read 'The Explorer', a book all about investigating the Amazon Rainforest. Setting description – We will be using the book to inspire our own creative writing, describing the rainforest. Persuasive letters – we will be writing letters persuading the Brazilian government to save the Amazon.	Mathematics - Decimals - Percentages - Perimeter - Area - Statistics	P.E. Handball – Children will learn about the different types of passing and shooting available in handball. They will practise basic dribbling and link to passing. They will practise decision making, focusing on when to pass, take 3 steps or dribble. Football– Children will pass, receive and shoot the ball with some control under pressure. They will develop a wider range of skills and begin to use these under some pressure. They will select and apply preferred skills with increasing consistency.
R.E. Christianity - What did Jesus do to save human beings? In this topic, we will look at the events leading up to Jesus' death and the events afterwards. We will discuss what Christians mean when saying that his death was a sacrifice. Children will make connections between Christian beliefs and celebrations.	Science Properties and changes of materials Children will understand that some materials dissolve in liquid to form a solution. They will understand how to recover a substance from a solution – understanding that some changes are reversible and others are irreversible. Children will know that some changes result in the formation of new materials. Children will be making predictions and recording data carefully.	Computing Programming A Learners will use physical computing to explore the concept of programming using Crumble programming. They will start to use microcontrollers and be introduced to conditions controlling the flow of actions in a program. Learners will start to write algorithms and programs that utilise this concept. Learners will be able to design and make a working model of a fairground carousel that will show their understanding of microcontrollers and their components.	Geography Why are rainforests so wet and deserts so dry? Children will be encouraged to reflect upon how climate has such an important influence upon landscapes, plants, animals and human activity on Earth. Pupils will develop their understanding of how climate is the main factor determining the distribution of biomes on Earth, through the study of two biomes in depth (rainforests and deserts).
Art/D.T. Landscape art Children will use our geography learning to create collages of desert and rainforest landscapes. They will learn what landscape art is, how to mix textures (rough and smooth, plain and patterned) and combine visual and tactile qualities.	Music MUSIC AND WORDS This term we will continue to learn all about music and words! Improvisation skills will be developed through call-and-response activities where the children will create rhythmic and melodic patterns to a four-beat pulse. Learning about musical styles such as jazz gives the class an opportunity to find out about influential musicians such as Louis Armstrong. The children will end the term by creating music inspired by lyrics, words and poetry, exploring techniques to establish mood and atmosphere	PSHE Healthy Me The class will look at the risks linked to smoking and how this affects the lungs, liver and heart. They do the same with the risks associated with alcohol misuse. They are taught a range of basic emergency procedures (including the recovery position) and learn how to contact the emergency services when needed. The children look at how body types are portrayed in the media, social media and celebrity culture. They also talk about people's relationships with food and how this can be linked to negative body image pressures.	Languages Les habitats – Habitats By the end of this unit we will be able to: - Say and write the key elements that animals and plants need to survive. - Name the 5 most common types of habitats. - Name an animal and a plant that live and grow in each type of habitat.

Year 5 Term 5	English Our core text will be 'Goodnight Mister Tom', introducing the children to different dialects. Diary entry – We will be using our WW2 day as inspiration to write a diary entry in the role of an evacuee during the war. Leaflets – We will be researching how people stayed safe during WW2 during The Blackout and writing our own instructions as to how to make a gas mask.	Mathematics - Addition - Subtraction - Geometry - shape - Geometry – position and direction - Decimals - Decimal, percentages and fractions	P.E. Tennis– Children will demonstrate good footwork to cover a court space in a game situation. They will begin to develop a wider range of skills and use these under some pressure. Cricket- Children will strike a bowled ball with increasing consistency. They will use some tactics in the game as a batter, bowler and fielder.
R.E. Islam - What does it mean to be a Muslim in Britain today? (Part 1) Children will make links between the five pillars of Islam and their beliefs. They will develop their understanding of Muslim birth and wedding rituals, questioning how such events shape the lives of Muslims in Britain today.	Science Living things and their habitats Children will describe the differences in life cycles of a mammal, an amphibian and a bird. They will also learn about the life process of reproduction in some animals. Children will be encouraged to use their prior knowledge and ask and answer questions to develop their understanding further.	Computing Vector drawing In this unit, learners start to create vector drawings. They learn how to use different drawing tools to help them create images. Learners recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Learners layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.	History What Impact did World War 2 have on people's lives? The children will learn when and why WW2 began and find out about the key individuals and countries involved. They will discover all about evacuation; learn what it was like to live with food rationing and explore the contribution made by women to the war effort. Furthermore, they will learn important facts about the Holocaust and investigate key turning points in the war, such as the Battle of Britain. Studying WW2 will help children to develop their investigation and evaluation skills; learn to organise information chronologically and understand how past events have helped to shape the world today. We will also explore the significance of Dover Castle during WW2.
Art/D.T. Sewing Bee The children will use the following skills when designing and creating their own cushions: • Model their ideas using prototypes and pattern pieces. • Use annotated sketches and cross-sectional drawings to develop and communicate their ideas. • Select materials and components suitable for the task. • Explain their choice of materials and components according to functional properties and aesthetic qualities.	Music SONG INGREDIENTS - EXPLORING MELODY, HARMONY AND LYRICS This term, the children will learn about the key ingredients used in songs: rhythm, melody, harmony and lyrics! They will begin to learn rounds and part songs and identify how layers of melody can be combined to create a polyphonic texture.	PSHE Relationships Children learn about the importance of self-esteem and ways this can be boosted. Children will investigate and reflect upon a variety of positive and negative online/ social media contexts including gaming and social networking. They learn about age-limits and age-appropriateness. Children are taught the SMARRT internet safety rules and apply these in different situations. Children are taught about grooming and how people online can pretend to be whoever they want. Rights, responsibilities and respect are revisited with an angle on technology use. Screen time is also discussed and children find ways to reduce their own screen time.	Languages La Seconde Guerre Mondiale (WWII) In this unit the children will learn how to: - Group and order words to decode unknown language. - Understand the key facts of history from WW2 when described in French. - Say and write in French the key countries and languages involved in WW2. - Write a letter in French home explaining what life is like as an evacuee living in the countryside.

Year 5 Term 6	English We will be focussing on detective stories this term, learning about Arthur Conan Doyle and his Sherlock Holmes stories, before writing our own. We will use our investigative skills to unpick the famous Sherlock Holmes, using more modern stories to help inform our own writing. This will all help our final piece of extended writing of Year 5.	Mathematics - Multiplication - Division - Negative numbers - Measurement – converting units - Time - Measurement - volume	P.E. Athletics - Children will choose the best pace for a running event. They will show accuracy and good technique when throwing for distance. Rounders - Children will have the opportunity to apply their skills in batting, bowling, throwing, catching and fielding while taking part in a competitive rounders PE game.
R.E. Islam - What does it mean to be a Muslim in Britain today? (Part 2) Children will continue to explore Islamic beliefs and the lives of those who believe in Islam. We will focus on respect, the Qur'an as a religious text, and further deconstruct (and understand) the pillars of Islam.	Science Animals including humans Children will learn about, discuss and describe the changes that occur as humans develop from birth to old age. They will look at data of growth and plot graphs and charts. They will use appropriate scientific vocabulary.	Computing Programming B - quizzes Learners will develop their knowledge of 'selection' by revisiting how 'conditions' can be used in programming, and then learning how the 'if... then... else...' structure can be used to select different outcomes depending on whether a condition is 'true' or 'false'. They will construct programs using Scratch to solidify this knowledge, designing a quiz in response to a given task and implementing it as a program. Learners will then evaluate their program by identifying how it meets the requirements of the task and how it could be improved.	Geography What are the human and physical features of the geography of the U.K? We will be exploring the geography of the fascinating country we live in. We will learn all about how the UK is organised into countries, counties and cities, as well as learning about the human and physical features of the United Kingdom, such as population, life expectancy, mountains, industry, farming, our fascinating multi-cultural society, and much more.
Art/D.T. Great British Dishes Children will understand that food is grown reared and caught in the UK, Europe and the wider world and that seasons may affect the food available. Children will learn how to prepare and cook savoury dishes safely and hygienically, including the use of a heat source. They will use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading and baking. They will follow a recipe, but adapt it to change the appearance, taste, texture and aroma.	Music The Show Must Go On! The musical focus for this term is performance, taking into consideration the final production and the Leavers' assembly performances. The pupils will draw together their musical understanding and learning throughout the year to practice performing to an audience.	PSHE Changing Me Puberty is revisited with further detail explaining bodily changes in males and females. Sexual intercourse is explained in slightly more detail than in the previous year. Children are encouraged to ask questions and seek clarification. Further details about pregnancy are introduced including some facts about the development of the foetus and some simple explanation about alternative ways of conception e.g. IVF. Children learn that having a baby is a personal choice. Children look at what becoming a teenager means for them with an increase in freedom, rights and responsibilities. They also look at the perceptions that surround teenagers and reflect whether they are always accurate.	Languages As-tu un animal? Do you have a pet? By the end of this unit we will be able to: - Know the nouns and indefinite articles for 8 common pets. - Ask somebody if they have a pet and give an answer back. - Say in French what pet we have/do not have and give our pet's name.