

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Mathematics	The children will secure their understanding of place value, before using it to help them with written and mental addition, subtraction, multiplication and division skills. They will also look at measures, including measuring length and calculating perimeter. The children will apply these skills to a mixture of real life problems, puzzles and patterns.		As well as continuing to develop their multiplication and division skills, the children will begin to develop their knowledge and understanding of fractions and decimals. Building on our work on perimeter, they will also look at how to calculate the area of shapes, including those with missing measurements. These skills will be applied to a mixture of real life problems, puzzles and patterns.		Building on their work on decimals, the children will focus on money in different contexts. They will continue their work on measurements through learning how to tell the time accurately. They will also learn about angles and begin to secure their understanding of position and direction. They will learn how to read a variety of charts and graphs, including creating some of their own.	
English	<p>Writing to Entertain - Narrative prequel The children will explore the text 'The Last Bear' looking closely at descriptive techniques such as, personification and pathetic fallacy to create effect. They will then write their own short story based on prequel to Bear Island.</p> <p>Writing to Inform – Non-chronological report The children will look at two texts, 'Majestic Mountains' and 'Marcos Navarro Mountains' focusing on features of a non-chronological report and formal language. The children will also formulate complex sentences and combine simple and compound sentences to build paragraphs. The children will then write their own non-chronological reports.</p> <p>Writing to Entertain – Imagery poetry The children will develop their knowledge of figurative language and ambitious vocabulary when writing their own poems.</p>		<p>Writing to Entertain – Narrative ending The children will explore the book 'Agent Zaiba investigates'. They will learn about apostrophes, the present perfect tense and how to form some complex sentences. They will then write an alternative ending using the features of narrative.</p> <p>Writing to Inform – Explanation The children will explore a range of texts linked to their Science and Geography. They will use the features of the text type to write an explanation about the water cycle and how rivers are formed.</p> <p>Writing to Entertain – Syllabic poetry The children will revise their knowledge of syllabic poems such as haikus before reading, planning and writing tankas and cinquains.</p>		<p>Writing to Entertain – Narrative point of view Linked to their work in Geography, the children will explore the text 'The Boy at the Back of the Class', thinking about key themes and conventions. They will take on the role of a character and will have the opportunity to write from the point of view of different characters in the story.</p> <p>Writing to Persuade – Travel guide wiki The children will read a variety of texts about the features and landmarks of different countries. They will use the text 'A Walk in Paris' to produce a travel wiki about a familiar location or a place they would like to visit.</p> <p>Writing to Entertain – Performance poetry The children will listen to poems being read aloud and understand the features of a good performance. They will plan, write, recite and evaluate an original poem.</p>	
Science	<p>States of Matter Children will learn how to: compare and group materials together, according to whether they are</p>	<p>Animals including humans Children will learn how to: describe the simple functions of the basic parts of the digestive</p>	<p>Sound Children learn how to: identify how sounds are made, associating some of them with something vibrating;</p>	<p>Electricity Children learn how to: identify common appliances that run on electricity; construct a simple series electrical</p>	<p>Living things and their habitats Children learn how to: recognise that living things can be grouped in a variety</p>	<p>Living thing and their habitats- conservation Children learn how to recognise that environments can change and that this</p>

	solids, liquids or gases; observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C); and finally, identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.	system in humans; identify the different types of teeth in humans and their simple functions; and finally, construct and interpret a variety of food chains, identifying producers, predators and prey.	recognise that vibrations from sounds travel through a medium to the ear; find patterns between the pitch of a sound and features of the object that produced it; find patterns between the volume of a sound and the strength of the vibrations that produced it.	circuit, identifying and naming its basic parts. Children also learn how to identify whether or not a lamp will light in a simple series circuit, recognise that a switch opens and closes a circuit; and finally, recognise some common conductors and insulators, and associate metals with being good conductors.	of ways; and explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.	can sometimes pose dangers to living things. They learn about conservation and how to improve conditions.
History/Geography	Mighty Mountains The children will understand what a mountain is and how it is formed as well as locate key mountain ranges around the world and how they affect their locality.	Ancient Greece The children will learn about what makes Ancient Greece significant, what we can learn from them and the impact they still have on modern times. They will also explore different kinds of historical sources and evaluate their usefulness.	Rivers The children will learn about the key rivers in the UK, their physical features and processes and how they are managed. They will link their work in Geography with their work in English, to explain how rivers are formed.	Ancient Egypt The children will learn about the achievements of the ancient Egyptians including the Pharaohs and the development of the pyramids. They will look at the role of the Nile and the culture and compare it with Britain at the time.	People on the move The children learn about different land use and why a particular area might be a good settlement. They learn the reasons why people establish settlements and reasons why they may move or leave a settlement.	The Normans The children will learn about the Norman conquest and how this affected the culture. They will learn about the feudal system and how this worked.
Art/DT	Textiles The children will experiment with different materials to create a range of textures and develop a detailed picture. They will create rotating patterns and expand their patterns using printing techniques.	Food Technology The children learn about seasonality in fruits and have the opportunity to taste different options. They use a variety of baking techniques to make their own fruit crumble.	Conceptual The children will use geometric shapes to construct a piece of art. They will experiment with different materials to create a range of textures and develop detailed pictures in the style of Yayoi Kusama.	Structures – Shell Structures The children will explore different structures, including packaging. They learn about nets for different 3D shapes before using CAD to design and 3D print their structure.	Concept Art The children will develop their skills for observational drawing to portray movement. They will use shading techniques to transform shape into form and use contour hatching to effectively demonstrate form.	Electrical Systems- Simple circuits and switches The children make circuits with switches, bulbs and batteries. They then have the opportunity to make their own electrical product that uses switches that operate in different ways.

Computing	Coding Children will learn how to create a playable game using a block coding environment. Online Safety Children will learn about the positive and negative influences technology has on our health and environment.	Spreadsheets Children will learn how to use a spreadsheet to model a real-life situation.	Writing for Different Audiences Children will learn how to use a simulated scenario to produce a news report and campaign using technology.	Logo Children will learn what procedures are and use this knowledge to build procedures in Logo.	Animation Children will learn that animations can be enhanced using features in software such as background and sounds. Effective Searching The children will learn how to search effectively and identify if a source is true and reliable.	Hardware Investigators The children will learn the key parts that make up a computer and know what they are called and their function. Making Music The children will learn how to create their own composition
	Online Safety Throughout the year, the children will be thinking about all aspects of their online life and considering how to be safe and responsible while using the internet and technology.					
R.E.	What is the trinity and why is it important for Christians?	What do Hindus believe God is like?	What does it mean to be Hindu in Britain today?	Why do Christians call the day Jesus died 'Good Friday'?	For Christians, what was the impact of the Pentecost?	How and why do people mark the significant events of life?
P.E.	Gymnastics Tag Rugby	Dance Basketball	Gymnastics Golf	Dance Tennis	Rounders	Athletics
PSHE	Becoming a valuable class member The children will understand what it means to be part of their class community.	Acceptance and challenging bullying The children will learn about how to challenge bullying in any form.	Showing resilience The children will learn how to show resilience when faced with difficult events.	Overcoming peer pressure The children learn how to stand up for their beliefs.	Dealing with loss The children learn about what we can do to support peers with loss and how to manage emotions.	Physical and emotional changes The children learn about the changes that happen as they grow up.
MFL	Greetings, numbers and colours	Calendar and celebrations	Animals	Carnival and playground games	Fruit and Vegetables	Going on a picnic
Music	Musical Structures Children will explore how music brings people together. They will identify patterns in music and learn how they bring structure.	Exploring Feelings When You Play Children will learn how music can connect us with our past. They will explore how special effects in music can make the words more meaningful.	Compose With Your Friends Children will explore how music can improve our world. They will make music in groups and try to create their own home note.	Feelings Through Music The children explore music in a community. They sing and listen to different styles of music and improvise using C, D, E, G and A notes.	Expressions and Improvisation The children think about how music shapes our way of life. They listen to gospel and orchestral music, before composing using 7 notes.	The Show Must Go On The children explore how music connects them with the environment. They sing, improvise and compose using up to 10 notes.