

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>Mathematics</b>	<p>The children will start with place value; ordering numbers up to 1000, writing numbers in both digit and written words, as well as counting in patterns of 10, 50 100. Next the children will be learning how to add and subtract using both mental strategies and expanded written methods. The children will then develop their knowledge of multiplication facts of the x3, x4 and x8 tables and throughout the term, the children will be learning how to measure lengths in mm, cm and metres, to compare and convert lengths as well as find the perimeter of simple 2D shapes.</p>		<p>During the spring term, the children will continue to develop their multiplication and division skills by learning how to multiply two digit numbers through more formal written methods, as well as divide larger numbers through using the chunking method. They will also complete units of work on statistics, learning about charts, tables and pictograms. They will develop their knowledge of money by finding change up to £20, and adding and subtracting amounts of money. They will also expand their learning about fractions, finding out about tenths of numbers and shapes.</p>		<p>During the summer term, the children will learn about time. They will tell the time using the 12 hour and 24 hour clock and will compare times using a simple timetable. The children will then work on geometry of shapes; they will recognise, describe, sort and compare 2D and 3D shapes. They will be introduced to different types of angles and lines. The children will further develop their understanding of measurements and finding capacity. They will learn about using and calculating weight and volume and will compare different measurements.</p>	
<b>English</b>	<p><b>Writing to Entertain - Narrative short story</b> The children will look at the book 'Ocean Meets Sky'. They will develop their knowledge of adverbs of time, place and manner. They will explore sentence structure and vocabulary when describing fantasy settings, before writing their own narrative based on the story.</p> <p><b>Writing to Inform – Letter in role</b> The children will read 'Meerkat Mail'. They will learn about personal pronouns and writing simple and compound sentences. They will use their knowledge of the features of recounts to write their own postcards and letters.</p> <p><b>Writing to Entertain – Limerick poems</b> The children will read a variety of different limerick poems, before having the opportunity to write their own poem on a theme.</p>		<p><b>Writing to Entertain – Narrative sequel</b> The children will read Max and the Millions and focus on writing different types of sentences. They will join clauses with because and focus on using inverted commas to punctuate speech. They will then write a sequel to the story. They will begin to edit their work based on feedback from the teacher.</p> <p><b>Writing to Inform – Graphic novel information text</b> The children will read the historical text 'A Day in the Life'. They will look at features of information texts and will expand their knowledge of noun phrases and specific vocabulary. They will write their own information text in the style of a graphic novel.</p> <p><b>Writing to Entertain – Clerihew poems</b> The children will be introduced to the features of clerihews and write their own versions.</p>		<p><b>Writing to Entertain – Narrative chapter</b> The children will be introduced to the novel 'Varjak Paw'. They will expand their knowledge of punctuation and grammar, including prepositions and determiners. They will explore the text in detail before writing their own missing chapter.</p> <p><b>Writing to Persuade - Advert</b> The children will watch a range of adverts and learn about the features they use to persuade people to buy things. They will focus on vocabulary and sentence structure when writing and filming their own adverts.</p> <p><b>Writing to Entertain – Free Verse poetry</b> The children will have the opportunity to use their imagination as they compose free-verse poetry.</p>	

<b>Science</b>	<p><b>Forces and Magnets</b> The children will look at different forces (such as gravity) and their effects. They will discover how magnets repel/attract their poles and will discover how magnets are used in everyday life. They will complete an investigation to find out about variables that affect forces.</p>	<p><b>Rocks</b> The children will look at the formation of rocks and soils. They will learn about the three different types of rocks (sedimentary, igneous and metamorphic) and how they are formed. They will research fossils, including looking at the work of Mary Anning, and study the different types of soil.</p>	<p><b>Animals including humans</b> The children will learn about the human skeleton and different bones and muscles. They will research how animals have adapted to the food they eat and find out what their skeletons look like. They will begin to develop their knowledge about healthy diets.</p>	<p><b>Plants</b> The children will find out about the function of different parts of the plant and plant life cycles. The children will follow the journey of water in plants and discover what helps a plant to grow well. They will also learn about how different plants grow in different habitats.</p>	<p><b>Scientific enquiry</b> Children will learn the scientific skills they will need to apply during each unit of learning during key stage 2. They will complete investigations to help them learn and practise these skills</p>	<p><b>Light</b> The children will name different light sources and find how shadows are formed. They will measure and investigate shadows, describing why they get bigger. They will explore materials and discuss their understanding of transparent and opaque materials.</p>
<b>History/Geography</b>	<p><b>Volcanoes and Earthquakes</b> The children will explore the location of volcanoes and earthquakes as well as find out how they are formed and occur. They will focus on Mount Vesuvius and find out about earthquakes in Japan.</p>	<p><b>Roman Britain</b> The children will learn about the Roman invasion of Britain and the influence the Romans have on modern-day Britain. They will find out about Roman towns and the key figures that made Roman Britain significant.</p>	<p><b>Somewhere to Settle in the UK</b> The children will learn about towns and cities of the UK, using mapping skills and describing what they are like. They will look at the different features and land use in settlements.</p>	<p><b>The Anglo Saxon Settlers</b> The children will find out about the Anglo Saxons, who settled in Britain after the Romans. They will learn about Anglo Saxon Kings, the ancient burial site of Sutton Hoo and Anglo Saxon place names.</p>	<p><b>Exploring Scandinavia</b> The children will find out about what life is like in Scandinavia. They will locate countries, cities and landmarks on the map, before comparing it with other regions around the world.</p>	<p><b>The Viking Invaders</b> The children will find out about the Viking invasion of England, finding out about some key events and leaders. They will find out what life was like under Viking rule and how it differed from other periods of History.</p>
<b>Art/DT</b>	<p><b>Portraits</b> The children will explore portraits by British artists such as Lucien Freud and Terry Bradley. They will then draw their own portraits.</p>	<p><b>Food Technology</b> The children will design, plan and make a healthy snack bar, tasting different ingredients to add to it. They will use a variety of techniques to prepare their ingredients</p>	<p><b>Pottery</b> The children will study the sculpture designs of Grayson Perry, before designing and making their own pottery, using sculpting techniques and a variety of tools.</p>	<p><b>Textiles</b> The children will learn about different materials and will have the opportunity to turn 2D design into a 3D product using different fabrics, joining and finishing techniques.</p>	<p><b>Graffiti/Pop Art</b> The children will study the influential New York artists Warhol and Basquiat, before designing some art work in their style.</p>	<p><b>Mechanisms – Levers and Linkages</b> The children will have the opportunity to explore levers and linkages in books, before completing their own project using paper and card.</p>

<b>Computing</b>	<b>Coding</b> The children will learn how to write code that includes a timer. They will debug a programme.	<b>Spreadsheets and Touch Typing</b> The children will create a table of data and make graphs and charts from it.	<b>Email</b> The children will learn to use email safely, including adding attachments.	<b>Branching databases</b> The children will learn to sort objects and create a database on a particular theme.	<b>Graphing and Simulations</b> The children will explore simulations and create graphs from an investigation.	<b>Presenting</b> The children will present information they have researched to a group.
	<b>Online Safety</b> 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.					
<b>R.E.</b>	<b>What do Christians learn from the creation story?</b>	<b>What is it like for someone to follow God?</b>	<b>How do festivals and family life show what is important to Muslims?</b>	<b>How do festivals and family life show what is important to Jewish people?</b>	<b>What kind of world did Jesus want?</b>	<b>How and why do we try to make the world a better place?</b>
<b>P.E.</b>	<b>Gymnastics</b>  <b>Football</b>	<b>Dance</b>  <b>Netball</b>	<b>Gymnastics</b>  <b>Hockey</b>	<b>Dance</b>  <b>Tennis</b>	<b>Cricket</b>	<b>Athletics</b>
<b>PSHE</b>	<b>Rules and Responsibilities</b> The children learn about the importance of rules in the classroom	<b>Problem solving and discussing feelings</b> The children learn about the importance of talking about issues	<b>Sharing success and overcoming frustration</b> The children learn about celebrating successes and helping others	<b>Fitness and Safety</b> The children learn about staying healthy and how to be safe in their community	<b>Empathy and responsibility</b> The children learn about how to consider the feelings of others	<b>Discussing feelings about changes</b> The children talk about the changes they experience as they grow up
<b>MFL</b>	<b>Greetings, numbers and colours</b> The children will revise some basic vocabulary	<b>Calendar and celebrations</b> The children will learn about different French celebrations	<b>Animals</b> The children will learn how to talk about animals in French	<b>Carnival and playground games</b> The children will learn some instructions and play games	<b>Fruit and Vegetables</b> The children will learn the vocabulary for different fruit and vegetables	<b>Going on a picnic</b> The children will be able to speak in sentences about picnic food.
<b>Music</b>	<b>Writing music down</b> The children will learn some basic musical notation	<b>Playing in a band</b> The children will learn to play instruments in a group	<b>Composing</b> The children will listen to music and compose their own simple melodies	<b>Musical styles</b> The children will have the opportunity to listen and play different music styles	<b>Improvisation</b> The children will make up their own melodies and play them	<b>Opening night</b> The children will have the chance to perform to an audience