

Year 9: Autumn

	Autumn 1	Autumn 2
	London Eye Mystery	
English	<p>Modern novel study which will include an exploration of the detective/mystery genre. Also included is an in-depth analysis of character and the complex nature of the protagonist Ted.</p> <p>Learners will have the opportunity to develop different forms of writing and practise reading skills at different levels.</p>	
	Number	Number
	<ul style="list-style-type: none"> • Read and Write numbers up to 1,000,000 • represent Roman Numerals to 1,000. • round to the nearest 10,100,1000 • use powers of 10 to represent very large numbers. • add and subtract up to 4 digits • using inverse operations to check a calculation. 	<ul style="list-style-type: none"> • Reason and problem solve • Find multiples and common multiples • Factors and common factors • Prime, Square and cube numbers • Multiply and divide by 10,100 and 10000 • Fractions – adding and subtracting with the same denominator • Mixed Numbers converting to improper fractions • Adding and subtracting mixed numbers
Maths	Functional skills	
	<ul style="list-style-type: none"> • Adding and subtracting integers up to three digits • Multiplying 3 digits x 1 digit and 3 digits x 2 digits • Negative and Positive Numbers on a number line and also applying to real life situations • Rounding – to check a calculation and also to the nearest 10,100,1000 	<ul style="list-style-type: none"> • Four operations with Fractions • Decimals – Read, write and use decimals up to 2 decimal places • Multiplying by 10, 100 • Percentages – find percentages using multiples of 10%, 25%, 50% and 75%



Science	Waves	<ul style="list-style-type: none">• Types of wave• Transferring information and energy by waves and ultrasound• Measuring wave speed• Using a ripple tank• Wave speed in a solid• Electromagnetic waves• Investigating infrared absorption and radiation• Refraction of electromagnetic waves• Reflection of electromagnetic waves	States of Matter and Atomic Structure	<ul style="list-style-type: none">• States of matter• Density• Calculating Density• Gas pressure in a container• Effect of temperature on gas pressure• Changes of state• Specific heat capacity• Measuring specific heat capacity• Specific latent heat• Purity• Development of the atom• Structure of the atom• The size of atoms• Isotopes• Electron Structure
RE	Six World Religions	<p>Group the 6 religions into 2 main religion groups</p> <p>Identify the main symbols associated with each of those religions</p> <p>Describe the places of worship and how they are different</p> <p>Is religion just a set of rules about behaving nicely?</p> <p>How similar are all the stories about creation in all religions?</p>	Story of Christmas	<p>Why do we give gifts to each other at Christmas time?</p> <p>How do Mary and Joseph remind us of refugees today?</p> <p>How is the nativity story relevant about power and prejudice today?</p> <p>Is Christmas no longer a religious celebration?</p> <p>Why is Christmas celebrated on January 6th in a lot of countries?</p> <p>What happens to the homeless around Christmas?</p> <p>How is Christmas celebrated around the world?</p>



Geography	Discovering Development	<ul style="list-style-type: none">• To understand the key terms and what development means• To compare LICs and HICs• To identify and read development indicators• To describe and explain global trade looking at Ghana• To discuss Fairtrade and the impacts of around the world	Impressive Ice Worlds	<ul style="list-style-type: none">• To describe the location of glaciers and ice worlds• To describe and explain the processes in an ice world• To discover what the ice worlds hold – Otzi, animals and avalanches• To describe and explain glacial landforms• To discuss what pressures are facing ice worlds today
History	Jack the Ripper	<p>This unit of work allows pupils to question the time of Jack the Ripper;</p> <ul style="list-style-type: none">• What was London like in the late 19th century?• Who were Jack the Ripper's victims?• How reliable were Jack the Ripper's letters?• Who were the Jack the Ripper suspects? <p>Why was Jack the Ripper caught?</p>	Suffragettes and causes of WW1	<p>Pupils will learn about;</p> <ul style="list-style-type: none">• Why women wanted to vote• Who were the suffragettes and suffragists?• Was Emily Davidson a hero who gave her life for the cause?• What caused the Great War to start?• What was life like in the trenches for the soldiers?• How significant was the role played by the women in the war effort?• Did the war Change Britain and the world for the future?



PSHE	Health and wellbeing		Respectful Relationships	
	<p>In this unit of work pupils will learn;</p> <ul style="list-style-type: none"> • how to distinguish between healthy and unhealthy friendships • how to assess risk and manage influences, including online • about ‘group think’ and how it affects behaviour • how to recognise passive, aggressive and assertive behaviour, and how to communicate assertively • to manage risk in relation to gangs • about the legal and physical risks of carrying a knife • about positive social norms in relation to drug and alcohol use • about legal and health risks in relation to drug and alcohol use, including addiction and dependence. 		<p>In this unit of work pupils will learn;</p> <ul style="list-style-type: none"> • about different types of families and parenting, including single parents, same sex parents, blended families, adoption and fostering • about positive relationships in the home and ways to reduce homelessness amongst young people • about conflict and its causes in different contexts, e.g. with family and friends • conflict resolution strategies • how to manage relationship and family changes, including relationship breakdown, separation and divorce • how to access support services 	
PE	Dodgeball		Cricket	
	Basketball		Touch Rugby	
	<p>To understand the rules and regulations of dodgeball. To understand and develop the technique of specific skills including catching, throwing, dodging, blocking and accuracy. To understand the impact of applying the correct techniques and skills to game situations.</p>	<p>To understand the rules and regulations of cricket To understand and develop the technique of specific skills including batting, bowling, fielding, catching and throwing. To understand the impact of applying the correct techniques and skills to game situations.</p>	<p>To understand the rules and regulations of basketball. To understand the technique of specific skills including dribbling, passing, footwork, shooting and how to attack effectively. To understand the impact of using the correct techniques and understanding how to be most effective in game situations.</p>	<p>To understand the rules and regulations of Touch Rugby and understand the technique of specific skills of the key areas of touch rugby. To understand the impact of using the key skills and understanding how to be most effective in game situations.</p>



Music	Genres of Music	
	<ul style="list-style-type: none"> • History and influence of different genres; rock, pop, reggae etc • Identifying differences in different genres • Playing unique elements of different genres • Creating new stylistic parts for different genres • Playing different instruments; ukulele, guitar, piano, drums, djembe 	
Art	Still Life	
	<p>Students will be looking at the work of Michael Craig martin and Paul Cezanne. A range of drawing materials will see them create their own response to these artists.</p>	
Design Tech	Exploring external landscaping operations	
	<ul style="list-style-type: none"> • HSE compliance when working with cordless power tools <ul style="list-style-type: none"> • Learning which tool is appropriate for which job • Maintaining grass, decking, masonry, fixings in an external setting 	
Computing	Webpages	Back to the Future
	<ul style="list-style-type: none"> • HTML • CSS • JavaScript 	<ul style="list-style-type: none"> • Historical Figures
	<p style="text-align: center;">Online safety message:</p> <p style="text-align: center;">Online bullying activity to coincide with anti-bullying week</p>	
Forest School	<p>Every class will have a session of forest school each week on a half termly rotation.</p> <p>Forest School is a child-centred learning process, providing learner inspired, hands-on experiences in the natural environment. It's creative and can increase a child's confidence as they problem-solve and learn to manage risks.</p>	