

Year 9: Spring

		Spring 1	Spring 2
		The Hobbit by JR Tolkien – Fantasy/adventure novel study	
English		Learners will learn the conventions and features of an adventure novel through immersing themselves into the world of Bilbo Baggins in the Hobbit. We will study genre, characterisation and setting throughout the term and have several opportunities to write creatively and let imaginations run wild. In addition to this, we will learn about the style of Tolkien’s writing and focus on scenes of particular interest. Close reading skills and analysis will be taught throughout and learners will begin to build confidence in using quotes to support their reading responses. At the end of term, a viewing of the film will help to cement their understanding and bring the fantasy world to life.	
Maths		Number and Measure	
		Proportion and ratio – scaling and sharing in a given ratio Scale drawing – draw to scale, find actual size Probability – expressing probability in words/figures Problem solving using money	Number Decimals Percentage Applications Data Handling Measures of Average
Science	Cells	<ul style="list-style-type: none"> • Microscopy • Cell structures • Observing plant and animal cells • Prokaryotic and Eukaryotic cells • Diffusion • Osmosis • Osmosis in plant cells • Active Transport • DNA • Mitosis • Cell cycle • Meiosis • Cell specialization • Stem cells 	Chemical Quantities and Systems in the body
			<ul style="list-style-type: none"> • Chemical formulas • Balancing equations • Conservation of mass • Explaining observed changes in mass • Relative formula mass • Concentration in solutions • Respiration • Anaerobic respiration • Exchange surfaces • The heart • Human circulatory system • Blood cells • The digestive system • Food tests • The nervous system • Reflex arc • The endocrine system • Effects of adrenaline



Computing	Networks	<ul style="list-style-type: none"> • Understand how computers connect • Sharing information • Data protection 	Programming	<ul style="list-style-type: none"> • Python programming
	Online safety message			
	<ul style="list-style-type: none"> • Safer Internet day 11/2/25 • Too good to be true? Protecting yourself and others from scams online. 			
RE	Introduction to world religions	<p>The key symbols of the 6 world religions Key words in context such as places of worship etc. Judaism – who was Abraham and Isaac/ Some rules for Jews such as Kosher, and Barmitzvah.</p>	Islam and Christianity	<p>The 5 K's in Sikhism</p> <p>Story of Guru Nanak</p> <p>The other 9 Gurus and why there are no more gurus</p> <p>Famous teaching stories from Sikhism – Holy man and the well, The donkey and the lion</p> <p>Why do Sikhs try to live a good life?</p>
Geography	Conflict	<ul style="list-style-type: none"> • Describing what is conflict – causes and effects • How do we manage conflict with Geography? • What are the long-term consequences of conflict 	Russia	<ul style="list-style-type: none"> • Looking at the location of Russia – human and physical • Why is Russia a growing economic power? • What are the social, economic and environmental issues facing Russia?
History	Life during World War 1	<p>Review on life in the trenches The Battle of the Somme The changing role of women How women won the vote</p>	Treaty of Versailles and Hitler's	<p>How was Germany punished for causing the war?</p> <p>Why the Germans hated the Treaty of Versailles</p> <p>Who was Hitler?</p> <p>Did his childhood affect him as a leader?</p> <p>Why was he popular and made Chancellor of Germany?</p>



PSHE	Employability skills	<p>Students will learn;</p> <ul style="list-style-type: none"> • about young people’s employment rights and responsibilities • skills for enterprise and employability • how to give and act upon constructive feedback • how to manage their ‘personal brand’ online • habits and strategies to support progress <p>how to identify and access support for concerns relating to life online</p>	Peer influence, substance use and gangs	<p>Students 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
	PE			
Art		Fashion		
Art		<p>Students will be involved in a set a set of workshops where they will experiment with a range of printing techniques and researching the work of well-known designers.</p>	<p>Students will experience mono printing, Gelli prints, and mono printing as well as learning about the safe use of tools such as scalpels used for stencil and print making.</p>	



DT	CAD/CAM Unit, introduction to 3d printing technologies
	How 3d printing is used in manufacturing industry What are the benefits and downsides to 3d printing? The types of printers available 3d Modelling Software