

Curriculum overview Year 5

English: Using a wide range of fiction (classic and modern fiction, myths, traditional stories, stories from different cultures and periods of time) poetry and non-fiction texts and other stimulus, pupils learn to be confident listeners, speakers, readers, and writers (discuss and share ideas).			Music - Perform with control & expression solo & in ensembles - Improvise & compose using dimensions of music - Listen to detail and recall aurally - Use & understand basics of staff notation - Develop an understanding of the history of music, including great musicians & composers	R.E - What do Christians believe about God and incarnation? - What do Jewish people believe about God, covenant, and the Torah? - What do Muslims believe about Islam and Iman?
Reading: - Apply knowledge of morphology & etymology when reading new words - Read & discuss a broad range of genres & texts - Identify & discuss themes - Make recommendations to others - Learn poetry by heart - Make predictions and use inference - Discuss authors' use of language - Retrieve & present information from non-fiction texts. - Formal presentations & debates	Writing: - Secure spellings inc. homophones, prefixes, silent letters, etc. - Use a thesaurus and dictionaries - Use legible, fluent and joined up handwriting - Plan writing to suit audience & purpose - Develop character, setting and atmosphere in narrative - Use organisational & presentational features - Use consistent appropriate tense - Proof-reading - Perform own compositions	Grammar: - Use expanded noun phrases - Use modal & passive verbs - Relative pronoun - Identify determiner / article - Use relative clauses - Use commas for clauses - Use brackets, dashes & commas for parenthesis Speaking & Listening: - Give well-structured explanations - Command of Standard English - Consider & evaluate different viewpoints - Use appropriate register	Geography - Focusing on the world's countries, with focus on Europe (Greece) and the Americas (Alaska), concentrate on their environmental regions, key physical and human characteristics. - Name and locate geographical regions on the United Kingdom identifying land-use patterns and understanding how some of these aspects have changed over time. - Describe and understand key aspects of physical geography including climate zones, biomes and vegetation belts. - Describe and understand key aspects of human geography including types of settlement and land use. - Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. - To use four and six-figure grid references to build their knowledge of the United Kingdom and the wider world.	History - The Victorian Child in the 1900's. - Ancient Greece – a study of Greek life and achievements and their influence on the western world. - A local history study - Use appropriate historical vocabulary to communicate information about the past e.g legacy, - Describe the main changes in a period of history using terms such as: social, religious, political, technological and cultural) - Understand the concept of continuity and change over time, representing them, along with evidence, on a timeline.

			<u>Modern Foreign Languages</u>		<u>Art</u>
<u>Mathematics</u>					
<u>Number/Calculation</u>	<u>Geometry & Measures</u>	<u>Fractions, decimals & percentages</u>			
- Secure place value to 1,000,000 - Use negative whole numbers in context - Use Roman numerals to 1000 (M) - Use standard written methods for all four operations - Confidently add & subtract mentally - Use vocabulary of prime, factor & multiple - Multiply & divide by powers of ten - Use square and cube numbers	- Convert between different units - Calculate perimeter of composite shapes & area of rectangles - Estimate volume & capacity - Identify 3-d shapes - Measure & identify angles - Understand regular polygons Reflect & translate shapes Data - Interpret tables & line graphs - Solve questions about line graphs	- Compare & order fractions - Add & subtract fractions with common denominators, with mixed numbers - Multiply fractions by units - Write decimals as fractions - Order & round decimal numbers - Link percentages to fractions & decimals	- Listen & engage - Engage in conversations, expressing opinions - Speak in simple language & be understood - Develop appropriate pronunciation - Present ideas & information orally - Show understanding in simple reading - Adapt known language to create new ideas - Describe people, places & things - Understand basic grammar, e.g. gender		- Use sketchbooks to collect, record, review, revisit & evaluate ideas - developing pencil drawing techniques. - Improve mastery of techniques such as drawing, painting and sculpture with varied materials - Learn about great artists e.g Monet, architects & designers
<u>Science</u>		<u>PSHCE & RSE</u>	<u>Computing</u>		<u>Design & Technology</u>
- Biology - Life cycles of plants & animals (inc.mammal, insect, bird, amphibian) - Describe changes as humans develop & mature - Chemistry - Classify materials according to a variety of properties - Understand mixtures & solutions - Know about reversible changes; identify irreversible - Physics - Understand location and interaction of Sun, Earth & Moon - Introduce gravity, resistance & mechanical forces		- Me and my Relationships – feelings, friendship skills, including compromise and assertive skills. - Valuing difference – recognizing and celebrating different, including religions and cultural, inference and pressure of social media. - Keeping myself safe – managing risk, including staying safe online, norms around use of legal drugs (tobacco & alcohol) - Rights and responsibilities – relating to my health, decisions about lending, borrowing and spending. - Being my best – growing independence and taking responsibility, media awareness and safety - Growing and changing – managing difficult feelings, managing change and getting help.	- Design & write programs to solve problems - Use sequences, repetition, inputs, variables and outputs in programs - Detect & correct errors in programs - Understand uses of networks for collaboration & communication - Be discerning in using the internet safely and evaluating digital content		- Use research& criteria to develop products which are fit for purpose and aimed at specific groups - Use annotated sketches, cross-section diagrams & computer-aided design - Analyse & evaluate existing products and improve own work - Use mechanical & electrical systems in own products, including programming - Cook savory dishes for a healthy & varied diet
			<u>P.E</u>		
			- Use running, jumping, catching and throwing on own and in a group - Play competitive games, applying basic principles and fair play. - Develop flexibility & control in gym, dance & athletic - Take part in Outdoor & Adventurous activities e.g Land & Wave, Swanage - Compare performances to achieve personal bests - Swim at least 25m coordinating leg and arm movements by end of KS2 - Understand how to lead an active healthy lifestyle - Perform safe self-rescue (swim) - Swim using a range of strokes		