

Year 5 2021/2022

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English and Reading	<p>Street Child - Write a narrative using dialogue, action and description -Descriptive devices -Use senses to create imagery -Expanded noun phrases -Plan and write a non-chronological report -Relative Clauses -Parenthesis</p> <p>Retrieve information from the text</p>	<p>Alex Rider – Stormbreaker - Write an adventure story. - Adverbials of time, place or manner - Develop characters through description, action and speech - Plan and write a police report - Use formal and technical language within my descriptions. -Subordinating conjunctions</p> <p style="text-align: center;">Make predictions</p>	<p>Guardians of the Wild Unicorns - Write an adventure story. -Setting description -Develop characters through dialogue and action - Plan and write a persuasive letter -Adverbial of sequence -Formal language -Cohesive paragraphs</p> <p style="text-align: center;">Make inferences from the text</p>	<p>Cosmic - Write a science fiction story. -Build suspense -Create an effective setting -Develop characters through dialogue and action -Write a report about space. -Emotive language to appeal to the reader -Adverbials o place or time -Metaphors</p> <p style="text-align: center;">Make comparison and connections</p>	<p>Wolf Brother Stone, Bronze and Iron Ages - Write a fantasy story -Effective setting descriptions -Develop characters using dialogue and action -Rhetorical questions -Personification -Write an encyclopaedia entry. -Semi-colons -Subordinating conjunctions -Use different types of parenthesis</p> <p style="text-align: center;">Summarise</p>	<p>Kensuke’s Kingdom -Write an adventure story. -Figurative language -Adverbials -Parenthesis to add extra information -Plan and write a holiday brochure -Persuasive devices -Modal verbs - Passive voice</p> <p style="text-align: center;">To say whether a testament is true or false</p>
Curriculum	<p style="text-align: center;">Scream Machine</p> <p>Develop children’s knowledge of mechanisms and forces. Children learn about the properties of materials, pulleys and prototypes.</p>	<p style="text-align: center;">Off with Her Head!</p> <p>Develop children’s knowledge of the Tudor dynasty. Children learn about Henry VIII and his marriages, life and legacy.</p>	<p style="text-align: center;">Pharaohs</p> <p>Develop children’s knowledge of ancient Egypt. Teach children about life on the Nile, the great pyramids and the powerful rule of the ancient pharaohs.</p>	<p style="text-align: center;">Stargazers</p> <p>Develop children’s knowledge of the Solar System. Teach children about the Moon, planets and significant individuals, including Galileo and Newton.</p>	<p style="text-align: center;">Beast Creator</p> <p>Develop children’s knowledge of living things and their habitats. Children learn about identification keys, food chains and some of the deadliest beasts on the planet.</p>	<p style="text-align: center;">Time Travellers</p> <p>Develop children’s knowledge of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.</p>
Science Theme (In Curriculum)	<p style="text-align: center;">Earth and Space Forces</p> <p>-Explore types of forces such as gravity, friction, water resistance and air resistance. - Form links between the mass and weight of objects - Use newton meters to measure the force of gravity. - Identify different mechanisms, including levers, gears and pulleys.</p>	<p style="text-align: center;">Investigation Skills</p> <p>-Asking questions and using different types of scientific enquiries to answer them -Simple practical enquiries, comparative and fair tests -Making systematic and careful observations -Using results to draw simple conclusions, make predictions, suggest improvements and raise further questions -Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</p>	<p style="text-align: center;">Living things and their Habitats</p> <p>-Describe their local environment -Observe life-cycle changes in plants, gardens or animals in the local environment. -Find out about the work of naturalists and animal behaviourists</p>	<p style="text-align: center;">Earth and Space Forces</p> <p>-Describe the movement of the Earth, and other planets, relative to the Sun in the solar system -Describe the movement of the Moon relative to the Earth -Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.</p>	<p style="text-align: center;">Living Things and their Habitats</p> <p>-Learn about the life cycles of plants, mammals, amphibians, insects and birds -Identify different types of mammals and their different life cycles -Explore metamorphosis in insects and amphibians, comparing their life cycles. Science Week: Properties and Changes of Materials - Name different materials, their uses and their properties, as well as dissolving, separating mixtures and irreversible changes. - Sort and classify objects according to their properties.</p>	<p style="text-align: center;">Animals including Humans</p> <p>- Sort living things into groups -Generate questions about animals. -Identify vertebrate groups and the characteristics of living things. -Suggest how to have a positive effect on the local environment. -Name some endangered species.</p>

<p>Maths</p>	<p>Number and Place Value: Numbers to 1,000,000 -Read, write, order and compare numbers to at least 1 000 000 -Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 -Count forwards and backwards with positive and negative whole numbers -Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</p> <p>Calculations: Addition and Subtraction -Add and subtract whole numbers with more than 4 digits. -Add and subtract numbers mentally with increasingly large numbers. -Use rounding to check answers to calculations. -Solve addition and subtraction multi-step problems.</p>	<p>Calculations: Multiplication -Recall multiplication facts up to 12 x 12 -Multiply whole numbers by 10 and 100 -Multiply numbers by 10 and 100 -Find factors and multiples of whole numbers -Multiply any whole number with up to 4 digits by any one-digit number</p> <p>Geometry: Shape - Draw polygons, specified by coordinates in the first quadrant, and translate within the first quadrant. -Identify regular polygons. -Identify line symmetry in 2D shapes</p> <p>Calculation: Division -Recall division facts up to 12 x 12 -Divide numbers by 10 and 100 -Divide a number with up to 4 digits that involves remainders</p>	<p>Statistics: Graphs -Solve comparison, sum and difference problems using information presented in a line graph -Complete, read and interpret information in tables, including timetables.</p> <p>Fractions, decimals and percentages: Fractions - Find equivalent fractions. - Convert mixed numbers to improper fractions and vice versa. - Add and subtract improper and mixed fractions. - Find non-unit fractions of quantities.</p>	<p>Fractions, decimals and percentages: Decimals and Percentages -Recall decimal fraction equivalents for 1/2, 1/4, and 1/10. -Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents -Round decimals with two decimal places to the nearest whole number and to one decimal place -Read, write, order and compare numbers with up to three decimal places -Recognise the per cent symbol (%) -Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5,</p> <p>Number and Place Value: Roman numerals - Read Roman numerals to 1000 (M) - Recognise years written in Roman numerals.</p>	<p>Geometry: Properties of Shapes, Position and Movement -Compare angles, estimate and measure angles in degrees (°) -Draw angles of a given size.</p> <p>Measurements: Measurements -Convert between different units of metric measure. -Use approximate equivalences between metric units and common imperial units.</p> <p>Calculations: Four Operations</p>	<p>Measurements: Area and perimeter, Volume -Calculate the perimeter and area of rectangles, squares and compound shapes. -Use standard units, square centimetres (cm²) and square metres (m²). -Estimate the area of irregular shapes - Calculate the volume using 1 cm³ blocks to build cuboids (including cubes)] and capacity</p> <p>Calculations: Four Operations -Use all four operations to solve problems involving measure</p>
<p>RE</p>	<p>Recap of major world religions, faiths, prayer and the significance of faith and religion to believers.</p>	<p>Why do some people believe God exists? Strand: Believing Questions in this thread: Who is Christian/Muslim/Jewish and what do they believe? What do different people believe about God? Do we need to prove God's existence? Religions and worldviews: Christians, non-religious e.g. Humanist</p>	<p>What would Jesus do? (Can we live by the values of Jesus in the twenty-first century?) Strand: Believing Questions in this thread: Which people are special and why? Why is Jesus inspiring to some people? What is so radical about Jesus? Religions and worldviews: Christians</p>	<p>If God is everywhere, why go to a place of worship? Strand: Expressing Questions in this thread: Which places are special and why? What makes some places sacred? Why do people pray? Should religious buildings be sold to feed the starving? Religions and worldviews: Christians, Hindus and Jewish people</p>	<p>What does it mean to be a Muslim in Britain today? Strand: Living Questions in this thread: Where do we belong? What does it mean to belong to a faith community? What does it mean to be a Christian in Britain today? What does it mean to be a Hindu in Britain today? What is good and what is challenging about being a teenage Buddhist, Sikh or Muslim in Britain today? Religions and worldviews: Muslims</p>	<p>Justice and Freedom Read a range of stories, from different world religions, examining the concepts of justice and freedom. Learn how key figures in history were informed and influenced by their own religious beliefs. Examine the impact of different religious and non-religious ideas about the formation of the Non-Violent Protest and Human Rights Movements. Consolidate understanding of freedom and justice by examining which, if either, is more important, using their learning in this unit to debate this question.</p>
<p>PE</p>	<p>Athletics</p>	<p>Basketball</p>	<p>Football</p>	<p>Tag Rugby</p>	<p>Tennis</p>	<p>Rounders</p>