

Year 6 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Theme						
Literacy	<p><u>Free verse</u> Children analyse a range of free verse poetry. Children plan, draft, evaluate, edit & redraft a free verse poem about photographs they have taken of the school grounds. Children perform their free verse poems.</p> <p><u>Battle Cry</u> Children interrogate example texts. Children use modal verbs and semi-colons. Children plan, draft, evaluate, edit & redraft a battle cry based on Ancient Greece.</p> <p><u>Flashbacks</u> Children investigate ways to incorporate a flashback into a story. Children plan, draft, evaluate, edit & redraft their own flashback story based on a Harry Potter scene. SPAG:</p>	<p><u>Poetry appreciation</u> Children analyse a range of war poems investigating their audience, purpose and point of view. Children plan, draft, evaluate, edit & redraft a Remembrance Day poem to publish in our Class Remembrance Day book.</p> <p><u>Persuasion</u> Children identify the key features of Persuasive Brochures. Children plan, draft, evaluate, edit & redraft a persuasive holiday brochure based on Greece.</p> <p><u>Diary entry</u> Children identify the key features of diaries. Children plan, draft, evaluate, edit & redraft a diary entry based on 'The man on the moon'.</p>	<p><u>Discussion</u> Children take part in a class debate about a contentious issue. Children decide a contentious topic to discuss and research the arguments for and against. Children plan, draft, evaluate, edit & redraft a discussion text based on something they are interested in.</p> <p><u>Criminal report</u> The classroom has had a break in! Children become detectives and interview witnesses to help them piece together what happened. Children revise direct and reported speech. Children plan, draft, evaluate, edit & redraft a criminal report.</p>	<p><u>Fiction from out literary heritage</u> Children read The Jungle Book. Children interrogate the text. Children plan, draft, evaluate, edit & redraft a story based on The Jungle Book.</p> <p><u>Setting description</u> Children focus on descriptive language. Children plan, draft, evaluate, edit & redraft a setting description.</p> <p><u>Story based on a film</u> Children plan, draft, evaluate, edit & redraft a story based on a film.</p>	<p><u>Instructions</u> Children plan, draft, evaluate, edit & redraft a set of instructions to make a potion.</p> <p><u>Ghost stories</u> Children plan, draft, evaluate, edit & redraft a ghost story.</p>	<p><u>Cross-curricular writing</u></p>

<p>Numeracy</p>	<p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit. Round any whole number to a required degree of accuracy.</p> <p>Use negative numbers in context, and calculate intervals across zero. Solve number and practical problems that involve all of the above.</p> <p>Multiply and divide numbers up to 4 digits by a 2-digit whole number using the formal written methods and interpret remainders as whole number remainders, fractions, or by rounding</p> <p>Identify common factors, common multiples and prime numbers.</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations.</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.</p> <p>Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.</p>	<p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</p> <p>Solve problems involving the calculation of percentages (e.g. of measures) such as 15% of 360 and the use of percentages for comparison.</p> <p>Use, read, write & convert between standard units of measure, converting length, mass, volume & time from smaller to larger units, and vice versa, using decimal notation up to 3 decimal places.</p> <p>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.</p> <p>Multiply simple proper fractions and simplify the answer (e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$). Divide proper fractions by whole numbers (e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$).</p> <p>Identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places.</p>	<p>Calculate and interpret the mean as an average.</p> <p>Interpret and construct pie charts and line graphs and use these to solve problems.</p> <p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Convert between miles and km.</p> <p>Generate and describe linear number sequences.</p> <p>Find pairs of numbers that satisfy number sentences involving two unknowns. Enumerate all possibilities of combinations of two variables.</p> <p>Multiply one-digit numbers with up to two decimal places by whole numbers. Use written division methods in cases where the answer has up to two decimal places.</p> <p>Solve problems involving similar shapes where the scale factor is known or can be found. Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</p>	<p>Recognise that shapes with the same areas can have different perimeters and vice versa.</p> <p>Draw 2-D shapes using given dimensions and angles. Recognise, describe and build simple 3-D shapes, including making nets.</p> <p>Express missing number problems algebraically. Use simple formulae expressed in words.</p> <p>Calculate the area of parallelograms and triangles. Recognise when it is possible to use formulae for area and volume of shapes.</p> <p>Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.</p>	<p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm^3) and cubic metres (m^3), and extending to other units.</p> <p>Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.</p> <p>Describe positions on the full coordinate grid (all four quadrants).</p> <p>Draw and translate simple shapes on the coordinate plane, and reflect them in the axes</p>
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1 and 2
Theme	Light	Animals including humans	Evolution and inheritance	Electricity	Living things
Science	Identify sources of light & revise facts that light travels in straight lines & opaque objects form shadows. Understand that to see, light needs to enter the eye. Investigate light reflection & refraction, white light made of many colours & the speed of light.	Explore the structure of the heart and lungs. The double circulation through the lungs & the rest of the body is explained & children learn more about blood! How does exercise affect pulse rate? Why is exercise good for us & what can harm the heart & lungs?	Discuss fossils as evidence of life millions of years ago & study the life of Mary Anning. Compare offspring with parents & see how plants/animals are adapted to habitats. Look at Darwin, Wallace & Mendel's contributions to our understanding of evolution	Begin with simple circuits and then lots of hands on experience with symbols, diagrams & incomplete circuits. Two enquiries about the length of wire in a circuit & the use of cells. Compare series & parallel circuits then face some challenges!	Look at the history of classification of living things from Aristotle to the present day. Study the binomial system introduced by Linnaeus & the 7 levels of classification used today. Understand why classification is important & use & create classification keys
Coverage by other subjects Geography History Art D.T SMSC Computing R.E P.E	Locate European countries including Russia and N+S America. Look at environmental regions, capital cities, physical and human characteristics. Name and locate counties and cities in UK. Human and physical geography. Understand hemispheres, equator, time zones. Ancient Greece Portraits Responsibilities- Freedom! Democracy Our interconnected world How can we make a multi-media epub book readable across more than one Platform Athletics Invasion games Dance Judaism- Signs and symbols	Understand similarities and difference of human and physical geography of a region of the UK, Europe and N or S America Ancient Greece Working for peace Gandhi: Great Soul Child Slavery: All for Profit Coding, Robotics & Gaming Athletics Invasion games Dance Christianity- Signs and symbols	Understand climate zones, biomes, rivers, mountains, volcanoes, earthquakes and the water cycle. Coastlines Artist Study- A sense of place- Coastal paintings Stressed Out You Can't Buy Anything For a Penny Bullying: Prepare to Stand up & Stand Out Creating & Sharing Digital Artefacts "What digital resources can be used to make up a product advert?" Striking and fielding Dance Sikhism- Signs and symbols	Human and physical geography incl settlement, land use, trade, natural resources incl energy, food, minerals and water. Cams and cogs Strong Societies Understanding Cancer Stephen Lawrence: Long Search for Justice Digital Communications & the Web Striking and fielding Gymnastics Hinduism- Signs and symbols	Use maps atlases and globes to locate countries and describe features studied. Use the 8 points of a compass, grid references, symbols and create key to build knowledge of the UK and the wider world Portraits people and motion Bread Making Moral Values Why do we pay Taxes? The Benefits System Don't Make your Best Friend Tell you! Knife Crime From the Biggest to the Smallest Collecting, Exploring & Recording Data Striking and fielding Net/wall games Athletics Islam- Signs and symbols
Enrichment experience				Enterprise Day	School sports week with parents and carers.