

Literacy

I can read aloud with fluency and intonation that shows understanding
I can recite poems I have learned by heart and quotes from poems
I can determine the meaning of new words by applying knowledge of root words, prefixes and suffixes, and context
I can form strong viewpoints, informed by my independent reading
I can draw inferences such as a character's thoughts, feelings and motives, from across a whole text
I can identify the differences between fact and opinion
I can use debates and presentations to explain and discuss what I have read
I can evaluate how authors use language, including figurative language and the impact on a reader
I can identify and compare theme, genre and layout within and across texts
I can independently come up with ideas for my writing from reading and research; plan, draft, edit and redraft for a range of purposes and audiences
I can add detail, qualification and precision by using adverbs, prepositions, phrases and expanded noun phrases
I can summarise passages and make deliberate choices to use a wide range of structures and sentence lengths, vocabulary choices and describe settings, character and atmosphere and integrate dialogue
I can edit for correct subject-verb agreement using singular and plural and appropriate tense
I can use formal and informal language depending on context, using passive constructions, verb forms
I can distinguish between the language of speech and writing and choose the appropriate register
I can organise my ideas into paragraphs, varying their length to suit purpose
I can use headings, sub-headings, columns, bullet points and tables to layout my ideas and cohesive devices to link ideas
I can use the range of punctuation taught in KS2, eg semi-colons, dashes, colons, hyphens, brackets, commas, bullet points to enhance meaning and avoid ambiguity, for parenthesis and in lists and to mark the boundary between clauses
I can spell almost all words from the Y5/6 list correctly
I can use a dictionary to check uncommon or ambitious spellings
I write with legible, fluent, cursive handwriting

Maths

I can read, write, order, round and compare numbers to 10,000,000, recognising the place value of each digit
I can use negative numbers in context and identify intervals across zero
I can read Roman numerals to at least 1,000 (M) and recognise years in Roman numerals
I can solve number and practical problems and puzzles
I can add and subtract numbers with up to 7 digits, including decimals using the formal written method
I can add and subtract increasingly large numbers mentally using efficient methods
I can recognise and use, multiples, common multiples, factors, common factors, prime factors, all prime numbers to 19 and some beyond, composite (non-prime), square numbers to 144, some cube numbers
I can multiply and divide multi-digit numbers up to 4 digits, including decimal numbers with up to two decimal places, by a two-digit number using the formal written method of long multiplication
I know the order of operations, including the use of brackets, to carry out calculations involving all four operations (BODMAS)
I can compare and order fractions, including mixed numbers and improper fractions e.g. which is greater $\frac{4}{5}$ or $\frac{2}{3}$? $2\frac{1}{2}$ or $\frac{9}{4}$?
I can use common multiples to express fractions in the same denomination e.g. $\frac{2}{3}$ and $\frac{3}{5}$ can be expressed as $\frac{10}{15}$ and $\frac{9}{15}$
I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions and common multiples
I can multiply simple pairs of fractions, writing the answer in its simplest form e.g. $\frac{2}{3} \times \frac{1}{2} = \frac{2}{6} = \frac{1}{3}$
I can divide simple proper fractions by whole numbers e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$
I can associate a fraction with division to calculate decimal/fraction equivalence e.g. $\frac{3}{4} = 3 \div 4 = 0.75$
I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
I can calculate percentage of quantities e.g. 75% of 360, and use percentages for comparison
I can use scale factor (of two or three) to enlarge shapes and find the scale factor of similar shapes
I can use notation to describe ratio of two quantities and understand proportion as a way to express relationships using fractions
I can use symbols and letters to represent variables and unknown numbers and quantities, with confidence
I can express more complex missing number problems algebraically by finding pairs of numbers that satisfy an equation with two unknowns e.g. $a \times 12 = 30 + b$
I can enumerate all possibilities of combinations of two variables e.g. $m \times n = 60$
I can generate and describe a linear number sequence in words and algebraically
I can convert between kilometres and miles
I can recognise that shapes with the same area can have different perimeters and vice versa
I can find the area of triangles and parallelograms, understanding and using the formulae (in words and symbols I can calculate, estimate and compare volumes of cubes and cuboids using standard units of cm^3 and m^3 ; use other units e.g. mm^3 , km^3 ; use the formula for finding volume (using symbols)
I can use, read, write and convert between all standard units of metric measures (with up to three decimal places) and between all units of time, with confidence
I can illustrate and name parts of a circle, including radius, diameter and circumference; know that the diameter is twice the radius
I can draw a range of 2-D shapes using given dimensions and angles with increasing accuracy and identify, compare and classify a wide range of geometric shapes (2-D and 3-D) based on their properties and sizes
I can use conventional markings for parallel lines and angles
I can recognise and make nets of a range of polyhedron
I can find missing angles in a triangle and any quadrilateral; express missing angles algebraically
I can calculate missing angles that are vertically opposite; express missing angles algebraically
I can identify and describe positions on the full coordinate grid (all four quadrants)
I can draw and translate shapes on the coordinate plane (all four quadrants) and reflect them in the axes
I can construct and interpret line graphs using a greater range of scales
I can interpret and construct simple pie charts
I can calculate and interpret the mean as an average in different contexts



Year 6 Curriculum Map
Summer Term
Topic: Summer of sport
Visit/visitor:
Parent event:

<p>History I can describe the lives of significant individuals in the past - biographies of sporting heroes including Jesse Owens and Muhammad Ali I can describe the Civil Rights movement in the southern states of America I can understand what the Vietnam war was and how it related to the Cold War</p>	<p>Science/Technology I can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood I can recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function I can describe the ways in which nutrients and water are transported within animals, including humans I can plan different types of scientific enquiries to answer questions, including recognizing and controlling variables I can explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object I can identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p>	<p>The Arts/Music I can analyse colour wheels to find and use cool/warm tones and complimentary/contrasting colours I can discuss sustainability, innovation and cost/ benefits of various designs or products I can discuss my creative process and the decisions I made. I can evaluate and constructively critique other’s creations I can create my own characters and simple scripts to produce short dramatic scenes in small groups. I can use simple dance vocabulary to compare and improve work. I can modify parts of a sequence as a result of self and peer evaluation I can lead an independent part in a group when singing or playing steel pans I can listen to a variety of genres of music and discuss tempo, dynamics, rhythm, pitch, orchestration and texture I can use skills learnt throughout the school to follow basic shapes of music and to read simple staff notation and chord symbols I can compose a rhythm or melody that fits with given lyrics</p>		
<p>Computing To use Scratch to programme **** To use ICT to research To learn about online safety</p>	<table border="1"> <tr> <td data-bbox="696 534 1120 837"> <p>PE I can retrieve, intercept and stop a ball when fielding I can place my feet and position my body when bowling I can bowl overarm and underarm I can catch and collect a moving ball and receive a ball as wicket keeper I can evaluate and improve my performance I can accelerate and change speed from a variety of starting positions I can sustain jogging and running for over a minute at a consistent pace I can perform jumping sequences with control and from one to two feet I can perform triple jump and scissor jump I can throw accurately over and underarm to reach a target</p> </td> <td data-bbox="1124 534 2188 837"> <p>RE/PSHE I can describe the values and practices that religions and world views share I can explain why meeting together is important for religious people I can describe how Church and Mosque are important to Christians and Muslims I can explain why we have celebrations I can describe celebrations in Islam I can describe celebrations in Christianity I can compare and contrast a Muslim celebration with a Christian celebration I can describe an inclusive celebration I can prepare for successful transitions such as leaving primary school and starting secondary school</p> </td> </tr> </table>		<p>PE I can retrieve, intercept and stop a ball when fielding I can place my feet and position my body when bowling I can bowl overarm and underarm I can catch and collect a moving ball and receive a ball as wicket keeper I can evaluate and improve my performance I can accelerate and change speed from a variety of starting positions I can sustain jogging and running for over a minute at a consistent pace I can perform jumping sequences with control and from one to two feet I can perform triple jump and scissor jump I can throw accurately over and underarm to reach a target</p>	<p>RE/PSHE I can describe the values and practices that religions and world views share I can explain why meeting together is important for religious people I can describe how Church and Mosque are important to Christians and Muslims I can explain why we have celebrations I can describe celebrations in Islam I can describe celebrations in Christianity I can compare and contrast a Muslim celebration with a Christian celebration I can describe an inclusive celebration I can prepare for successful transitions such as leaving primary school and starting secondary school</p>
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