

# Year Group 5 Curriculum Map 2018/19

Curriculum Area	<p style="text-align: center;">Autumn 1</p> <p style="text-align: center;">British Values: Rule of Law</p> <p style="text-align: center;">THEME: Groovy Greeks</p>		<p style="text-align: center;">Autumn 2</p> <p style="text-align: center;">British Values: Discrimination</p> <p style="text-align: center;">THEME: Pole to Pole</p>	<p style="text-align: center;">Spring 1</p> <p style="text-align: center;">British Values: Tolerance</p> <p style="text-align: center;">THEME: Our Precious Planet</p>	<p style="text-align: center;">Spring 2</p> <p style="text-align: center;">British Values: Mutual Respect</p> <p style="text-align: center;">THEME: Anglo Saxons</p>	<p style="text-align: center;">Summer 1</p> <p style="text-align: center;">British Values: Democracy</p> <p style="text-align: center;">THEME: Anglo Saxons</p>	<p style="text-align: center;">Summer 2</p> <p style="text-align: center;">British Values: Liberty</p> <p style="text-align: center;">THEME: Where we live</p>
English	<p style="text-align: center;">Greek Myths (Fiction)</p> <p style="text-align: center;">Compare and Perform Poetry</p>		<p style="text-align: center;">Ultimate explorers (Non-Fiction)</p>	<p style="text-align: center;">Friend or Foe - (Fiction)</p>	<p style="text-align: center;">Museum of Fun (Non-Fiction)</p> <p style="text-align: center;">Ultimate Rap (Poetry)</p>	<p style="text-align: center;">Oranges in No Man's Land (Fiction)</p> <p style="text-align: center;">Beowulf (Fiction)</p>	<p style="text-align: center;">Animals on the Move (Non-Fiction)</p> <p style="text-align: center;">Poets' voices</p>
<p style="text-align: center;">Maths</p>	<p style="text-align: center;">Place value and number</p> <p>read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> <ul style="list-style-type: none"> <li>♣ count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>♣ interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</li> <li>♣ round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</li> <li>♣ solve number problems and practical problems</li> <li>♣ read Roman numerals to 1000 (M) and recognise years written in Roman numerals.</li> </ul>	Remembrance week	<p style="text-align: center;">Addition and subtraction</p> <p>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p> <ul style="list-style-type: none"> <li>♣ add and subtract numbers mentally with increasingly large numbers</li> <li>♣ use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>♣ solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> </ul> <p style="text-align: center;">Statistics</p> <p>solve comparison, sum and difference problems using information presented in a line graph</p> <ul style="list-style-type: none"> <li>♣ complete, read and interpret information in tables, including timetables.</li> </ul>	<p style="text-align: center;">Multiplication and division</p> <p>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</p> <ul style="list-style-type: none"> <li>♣ know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers</li> <li>♣ establish whether a number up to 100 is prime and recall prime numbers up to 19</li> <li>♣ multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</li> <li>♣ multiply and divide numbers mentally drawing upon known facts</li> <li>♣ divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</li> <li>♣ multiply and</li> </ul>	<p style="text-align: center;">Fractions</p> <p>compare and order fractions whose denominators are all multiples of the same number</p> <ul style="list-style-type: none"> <li>♣ identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</li> <li>♣ recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt; 1</math> as a mixed number [for example, <math>5 \frac{2}{4} + 5 \frac{4}{4} = 5 \frac{6}{4} = 1 \frac{5}{4}</math>]</li> <li>♣ add and subtract fractions with the same denominator and denominators that are multiples of the same number</li> <li>♣ multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</li> <li>♣ read and write decimal numbers as fractions [for example, <math>0.71 = \frac{71}{100}</math>]</li> </ul>	<p style="text-align: center;">Measurement</p> <p>convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)</p> <ul style="list-style-type: none"> <li>♣ understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints</li> <li>♣ measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</li> <li>♣ calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</li> <li>♣ estimate volume [for example, using 1 cm<sup>3</sup> blocks to build cuboids (including cubes)] and capacity [for example,</li> </ul>	<p style="text-align: center;">Geometry and statistics</p> <p>identify 3-D shapes, including cubes and other cuboids, from 2-D representations</p> <ul style="list-style-type: none"> <li>♣ know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</li> <li>♣ draw given angles, and measure them in degrees (°)</li> <li>♣ identify: <ul style="list-style-type: none"> <li>♣ angles at a point and one whole turn (total 360°)</li> <li>♣ angles at a point on a straight line and 2 right angles (total 180°)</li> <li>♣ other multiples of 90°</li> </ul> </li> <li>♣ use the properties of rectangles to deduce related facts and find missing lengths and angles</li> <li>♣ distinguish between regular and irregular polygons based on reasoning about equal sides and angles. identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that</li> </ul>

			<p>divide whole numbers and those involving decimals by 10, 100 and 1000</p> <p>recognise and use square numbers and cube numbers, and the notation for squared ( 2 ) and cubed ( 3 ) ♣ solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes ♣ solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign ♣ solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</p>	<p>♣ 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 ♣ solve problems involving number up to three decimal places ♣ recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal ♣ solve problems which require knowing percentage and decimal equivalents.</p>	<p>using water] ♣ solve problems involving converting between units of time ♣ use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.</p>	<p>the shape has not changed.</p>
<b>Science</b>	<b>Forces</b>	<b>Materials and their Properties</b>	<b>Earth and Space</b>	<b>Earth and Space</b>	<b>Living Things and their Habitats</b>	<b>Animals including humans SRE</b>
<b>RE</b>	<p><b>Christianity</b></p> <ul style="list-style-type: none"> <li>- Caring for others and the environment</li> <li>- Sharing and being generous</li> </ul>	<p><b>Christianity</b></p> <ul style="list-style-type: none"> <li>- Being loyal</li> <li>- Being hopeful</li> <li>- Christmas story</li> </ul>	<p><b>Sikhism</b></p> <ul style="list-style-type: none"> <li>- Being open, honest and truthful</li> <li>- Being silent and attentive</li> </ul>	<p><b>Sikhism</b></p> <ul style="list-style-type: none"> <li>- Participating and willing to lead</li> <li>- Being modest listening to others</li> <li>- Easter story</li> </ul>	<p><b>Judaism</b></p> <ul style="list-style-type: none"> <li>- Being temperate and exercising self discipline.</li> <li>- Being accountable and living with integrity</li> </ul>	<p><b>Judiasm</b></p> <ul style="list-style-type: none"> <li>- Being thankful</li> <li>- Being imaginative and explorative</li> </ul>
<b>History</b>	<b>Ancient Greece</b>			<b>Anglo Saxons</b>		<b>Local Study</b>
<b>Geography</b>		<b>Poles to Pole</b>	<b>Our Precious Planet</b>			<b>Local Study</b>

<b>Music</b>	Perform using their voice with control and accuracy		Perform using their voice with control and accuracy	Use and understand staff and other musical notations. Listen with attention and recall sounds from detail.	Develop an understanding of the history of music		
<b>DT and ART</b>	Understand and use pulleys, gears, and levers  Exploring and Developing ideas Produce a range of drawings and sketches		Generate, develop and communicate their ideas through discussion and produce sketches /diagrams. Exploring and Developing ideas Produce a range of drawings and sketches	Research and design a space suit which is fit for purpose, using a range of tools and equipment.  Investigating and Making Art: Design with control and skill to represent my ideas. Use a range of materials and techniques.	Understand how key designers have helped to shape technology and evaluate their products against a criteria.	Evaluate and Develop work: talk about similarities and different between my own and others work and make changes to make it better.	
<b>Computing</b>	<b>We are Game Developers</b>		<b>Purple Mash Christmas Project</b>	<b>We are web developers E safety</b>	<b>We are architects Sketch Up</b>	<b>Powerpoint Word processing skills Publishing writing</b>	
<b>PE</b>	<b>Invasion games Rugby</b>		<b>Gymnastics</b>	<b>Dance</b>	<b>Cricket Swimming Sailing</b>	<b>Athletics Swimming Sailing</b>	<b>Striking and Fielding Golf / Rounders</b>
<b>Modern Foreign Languages</b>	* listen attentively to spoken language and show understanding by joining in and responding * explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words		* engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help *speak in sentences, using familiar vocabulary, phrases and basic language structures	develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases □ read carefully and show understanding of words, phrases and simple writing	* appreciate stories, songs, poems and rhymes in the language ♣ broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary	*listen attentively to spoken language and show understanding by joining in and  *responding appreciate stories, songs, poems and rhymes in the language	write phrases from memory, and adapt these to create new sentences, to express ideas clearly