

Curriculum Overview 2018-19

LILAC; Year Groups:5/6/7

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Fiction-BFG by Roald Dahl- stories – dialogue, diary entry Non-Fiction - recounts Drama	Fiction – Myths and legends, film narrative – Saga of Bjorn Non-Fiction – Instructions, letters Poetry – Jabberwocky	Fiction – Stories from other cultures – Pandora’s Box Non-Fiction - newspaper Drama	Fiction – Playscripts Non-Fiction – non-chronological Poetry – The highwayman	Fiction – Traditional stories – Little Match Girl Non-Fiction - persuasive letter Drama	Fiction – Story – ‘Wonder’ Speech Non-Fiction – Information, letter Poetry – My favorite Poem
GPS	<p>G&P Use a wide range of conjunctions to create compound and complex sentences Use full stops, commas, exclamation marks, speech marks and question marks to punctuate sentences correctly. Use a wide range of adjectives and adjectival phrases, adverbs, adverbials and prepositional phrases to add description and elaboration to writing. Use expanded noun phrases to convey complicated information concisely Use semi-colons or dashes Distinguish between informal and formal vocabulary and sentence structures Encourage chn to see how we can use speech structures in informal writing and appropriate structures such as the subjunctive in formal writing. Use bullet points and punctuate correctly Use colons and semi-colons in punctuating bullet points Use hyphens to avoid ambiguity Use passive voice to present information in an objective way <u>Spelling – Y3/4 and Yr 5/6 statutory spelling lists</u></p> <p>Year-4-Writing.pdf Year-5-Reading.pdf Year-5-Writing.pdf Year-4-Reading.docx</p>					
Maths	<p>Number: Place Value 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. Use negative numbers in context, and calculate intervals across zero. Solve number and practical problems that involve all of the above. <u>Number- addition subtraction, multiplication + division</u> Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why. Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication. Divide numbers up to 4 digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding as appropriate for the context. Divide numbers up to 4 digits by a 2-digit number using the formal written method of short division, interpreting remainders according to the context.</p>		<p>Number: Decimals Identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places. Multiply one -digit numbers with up to 2 decimal places by whole numbers. Use written division methods in cases where the answer has up to 2 decimal places. Solve problems which require answers to be rounded to specified degrees of accuracy. <u>Number: Percentages</u> Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison. Recall and use equivalences between simple fractions, decimals and percentages including in different contexts. <u>Number: Algebra</u> Use simple formulae Generate and describe linear number sequences.</p>		<p>Geometry: Properties of Shapes Draw 2-D shapes using given dimensions and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. Problem solving <u>Statistics</u> Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Interpret and construct pie charts and line graphs and use these to solve problems. Calculate the mean as an average. Investigations</p>	

	<p>Perform mental calculations, including with mixed operations and large numbers. Identify common factors, common multiples and prime numbers. Use their knowledge of the order of operations to carry out calculations involving the four operations. Solve problems involving addition, subtraction, multiplication and division. Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy.</p> <p><u>Fractions</u> Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Compare and order fractions, including fractions > 1 Generate and describe linear number sequences (with fractions) Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions. Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]</p> <p>Divide proper fractions by whole numbers [for example $\frac{1}{6} \div 2 = \frac{1}{12}$]</p> <p>Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example $\frac{3}{8}$]</p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</p> <p><u>Geometry- Position and Direction</u> Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>	<p>Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with two unknowns. Enumerate possibilities of combinations of two variables.</p> <p><u>Measurement Converting Units</u> Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to 3dp. Convert between miles and kilometres.</p> <p><u>Measurement: Perimeter, Area and Volume</u> Recognise that shapes with the same areas can have different perimeters and vice versa. Recognise when it is possible to use formulae for area and volume of shapes. Calculate the area of parallelograms and triangles. Calculate, estimate and compare volume of cubes and cuboids using standard units, including cm^3, m^3 and extending to other units (mm^3, km^3)</p> <p><u>Number: Ratio</u> Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts. 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><u>Geometry- Properties of Shapes and Angles</u> Identify 3D shapes, including cubes and other cuboids, from 2D representations. Use the properties of rectangles to deduce related facts and find missing lengths and angles. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees ($^\circ$)</p> <p><u>Measures Volume</u> Estimate volume [for example using 1cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water] Use all four operations to solve problems involving measure.</p> <p style="text-align: center;">End of year assessments</p> <p style="text-align: center;">Year-4-Maths.pdf Year-5-Maths.pdf</p>	
History	<p>Victorian Children To study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 Victorians.docx</p>	<p>Tudor Britain To study an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</p>	<p>The history of filmmaking and entertainment in Britain To describe a key event from Britain's past using a range of evidence from different sources.</p>	
Geography		<p>Physical geography – climate zones and changes around the world To identify and name the Tropics of Cancer and Capricorn as well as the Arctic and Antarctic Circles. To name the largest desert in the world and locate desert regions in and around the world.</p>	<p>Waterworld tbc</p>	<p>Our Local Area tbc</p>

Science	Inventors and Inventions To recognize the contribution to science by a variety of inventors.	Animals (including humans) To identify and name the main parts of the human circulatory system. I can describe the function of the heart, blood vessels and blood. To discuss the impact of diet, exercise, drugs and life style on health. To describe the ways in which nutrients and water are transported in animals, including humans.	States of Matter Group and compare properties of materials and investigate changes in state and separation.		Living things and their habitats: Describe life cycles and reproduction of some animals and plants. Investigate how humans develop. Describe how living things are classified.	
RE	The Quakers	Marriage Studying how people of different faiths get married	Justice To be able to describe similarities between different religious teachings.	Sikhism To understand the fundamental beliefs and practices of Sikhism	Humanism To compare the beliefs of humanists to other religions	Poverty and Wealth To compare and contrast different religious teachings on money.
PSHE	Friendships	Celebrating Difference	Dreams and Goals	Healthy Me	Relationships	Changing Me