

Year 7 SOW 2019-20

SEPTEMBER		OCTOBER			NOVEMBER			DECEMBER		
<p style="text-align: center;">Weeks 3 – 5 Unit 1 Analysing and displaying data</p> <p>Find and compare the averages and range for a set of data. Find information from tables and diagrams and display in tally charts, different types of bar chart and line graphs. Interpret and analyse simple charts for grouped data.</p>		<p style="text-align: center;">Weeks 6 – 8 Unit 2 Number skills</p> <p>BIDMAS. Four operations. Rounding and estimating. Calculate with money, interpret and use calculator to solve problems with money and time. Order positive and negative numbers and use the four operations.</p>			<p style="text-align: center;">Half Term Holiday</p>	<p style="text-align: center;">Week 10 Unit 2 Number skills</p> <p>Find factors, HCF and LCM. Recognise and use square numbers</p>	<p style="text-align: center;">Weeks 11 – 13 Unit 3 Expressions, functions and formulae</p> <p>Function machines. Simplify linear expressions, multiply and divide terms, including brackets. Form expressions, write and substitute into formulae</p>		<p style="text-align: center;">Weeks 14 – 16 Unit 4 Decimals and measures</p> <p>Measure and draw accurately. Order and round decimals to make estimations. Convert between different units of measures. Read scales. Use the four operations with decimals. Calculate area and perimeter</p>	
DECEMBER	JANUARY			FEBRUARY		MARCH				
<p style="text-align: center;">Christmas Holiday</p>	<p style="text-align: center;">Weeks 19 – 21 Unit 5 Fractions and percentages</p> <p>Use fraction notation, compare, order, simplify, write equivalent and convert. Add and subtract fractions, find fractions of a quantity. Write equivalent FDP. Calculate with percentages.</p>		<p style="text-align: center;">Weeks 22 Unit 6 Probability</p> <p>Use relevant words and the scale of 0-1. Identify and calculate probabilities. Find the probability of an event not happening.</p>		<p style="text-align: center;">Week 23-24</p> <p>Revision Lessons and Mid-Term Exam</p>	<p style="text-align: center;">Half Term Holiday</p>	<p style="text-align: center;">Weeks 26 – 27 Unit 6 Probability</p> <p>Record and use a simple experiment and estimate expected outcomes</p>		<p style="text-align: center;">Weeks 28 – 31 Unit 7 Ratio and proportion</p> <p>Use and solve direct proportion. Use the unitary method. Use ratio notation, reducing to simplest form. Find equivalent ratios and divide an amount by a ratio. Use ratios and measures. Use fractions and percentages to describe and compare proportions.</p>	
APRIL			MAY				JUNE			
<p style="text-align: center;">Weeks 28 – 31 Unit 7 Ratio and proportion</p> <p>Understand the relationship between fractions, percentages and proportion.</p>	<p style="text-align: center;">Easter Holiday</p>	<p style="text-align: center;">Week 34 – 35 Unit 8 Lines and angles</p> <p>Use a protractor to draw and measure angles. Recognise different types of angle. Estimate angles. Draw triangles accurately. Calculate the size of missing angles</p>		<p style="text-align: center;">Week 36 – 37 Unit 9 Sequences and graphs</p> <p>Recognise, describe and continue a sequence and pattern. Generate a sequence and plot co-ordinates from a rule. Find the midpoint of a line. Recognise different types of sequence. Draw a straight line graph. Find the nth term</p>		<p style="text-align: center;">Week 38</p> <p>Revision for end of year exam</p>	<p style="text-align: center;">Half Term Holiday</p>	<p style="text-align: center;">Weeks 40</p> <p><i>End of Year Exam</i></p>	<p style="text-align: center;">Weeks 41 – 43 Unit 10 Transformations</p> <p>Identify congruent shapes. Enlarge shapes and find the scale factor. Recognise reflectional and rotational symmetry. Identify symmetry in 2D and 3D shapes. Reflect a shape in a mirror line. Describe and carry out rotations. Translate 2D shapes. Transform 2D shapes by a combination of rotation, reflection and translation.</p>	
<p>2.5 Weeks Catch up time, Activity Week, Trips.</p>										