

Year Group	Year 6	Term	Autumn One					
Theme title	Brighton Rocks							
Assessment		Initial intake						SATs test week
	NC ref	1	2	3	4	5	6	7
Maths		<u>Place value</u> Numbers to 10 million. Order and compare any number.	<u>Number</u> Round numbers to 10, 100 and 1000. Round any number. Negative numbers.	<u>Addition and subtraction</u> Adding whole numbers with more than 4-digits. Subtracting whole numbers with more than 4-digits.	<u>Addition and Subtraction</u> Inverse operations. Solving multi-step problems Adding / subtracting integers.	<u>Multiplication and division</u> Multiply up to a 4-digit by a 2-digit number. Divide 4-digit by 2-digit number.	<u>Multiplication and division</u> Short / long division. Inverse operations. Multi-step problems.	<u>Assessment Week</u> SATs Papers 2016. Paper 1: Mental Arithmetic. Paper 2&3 Reasoning.

Year Group	Year 6	Term	Autumn Two					
Theme title	Brighton Rocks							
Assessment								SATs test week
	NC ref	1	2	3	4	5	6	7
Maths		<u>Factors, Multiples & Primes</u> Common factors / multiples. Primes to 100.	<u>Operations</u> Square and cube numbers. Order of operations – BODMAS.	<u>Fractions</u> Equivalent fractions. Simplifying fractions. Converting improper to mixed number fractions.	<u>Fractions</u> Converting mixed number to improper fractions. Fractions on a number line. Compare and order fractions.	<u>Fractions</u> Add and subtract fractions. Add and subtract mixed number fractions.	<u>Assessment Week</u> SATs Papers 2017. Paper 1: Mental Arithmetic. Paper 2&3 Reasoning.	<u>Converting Measures</u> Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measures

Year Group	Year 6	Term	Spring One					
Theme title	Crime and Punishment							
Assessment						SATs test week		
	NC ref	1	2	3	4	5	6	7
Maths		<u>Ratio</u> Using ratio language Ratio and fractions Introducing the ratio symbol Calculating ratio	<u>Ratio</u> Using scale factors Calculating scale factors Ratio and proportion problems	<u>Algebra</u> Forming equations. Substitutions Pairs of values Enumerate possibilities	<u>Decimals</u> Up to 3 decimal places. Multiply / divide decimals. Decimals as fractions	<u>Assessment Week</u> SATs Papers 2018. Paper 1: Mental Arithmetic. Paper 2&3 Reasoning.	<u>Percentages</u> Percentages of amounts. Compare and order percentages. Equivalent FDP	

Year Group	Year 6	Term	Spring Two					
Theme title	Crime and Punishment							
Assessment						SATs test week		
	NC ref	1	2	3	4	5	6	7
Maths		<u>Area and Perimeter</u> Shapes – same area Area of a triangle Area of parallelogram	<u>Area, Perimeter and Volume</u> Area of parallelogram What is volume? Volume – counting cubes Volume of a cuboid	<u>Line Graphs & Circles</u> Read, interpret and draw line graphs. Use line graphs to solve problems. Circles.	<u>Pie Charts & The mean</u> Read and interpret pie charts. Pie charts with percentages. Draw pie charts.	<u>Assessment Week</u> SATs Papers 2018. Paper 1: Mental Arithmetic. Paper 2&3 Reasoning.	<u>Angles</u> Measure and draw with a protractor. Calculate missing angles – in a triangle, around a point, in quadrilaterals. Vertically opposite angles	

Year Group	Year 6	Term	Summer One					
Theme title	Blood, Bones and Body Bits							
Assessment						SATs test week		
	NC ref	1	2	3	4	5	6	7
Maths		<u>Shape</u> Draw shapes with given dimensions accurately. Properties of 2D shapes. Draw nets of 3-D shapes.	<u>Revision</u> Topics chosen by the children to recap / revisit.	<u>Revision</u> Topics chosen by the children to recap / revisit.	<u>Revision</u> Topics chosen by the children to recap / revisit.	SATs Tests Paper 1: Mental Arithmetic Paper 2: Reasoning Paper 3: Reasoning	<u>Maths murder mysteries</u> Application of year 6 skills: problem solving, number, operations.	

Year Group	Year 6	Term	Summer Two					
Theme title	Blood, Bones and Body Bits							
Assessment								
	NC ref	1	2	3	4	5	6	7
Maths		<u>Maths murder mysteries</u> Application of year 6 skills: position and direction, algebra, shape.	<u>Maths murder mysteries</u> Application of year 6 skills: four operations, angles, missing number problems.	<u>Problem Solving activities</u> Real life maths Link to PE Measurement Averages	<u>Problem Solving activities</u> Create own maths game. Application of chosen skills. Problem Solving.	<u>Problem Solving activities</u> Create own maths game. Application of chosen skills. Problem Solving.	Free choice maths project	

Co-ordinates and Translation

Plotting / recording co-ordinates in all four quadrants.

Translation

<u>Translation and Reflection</u>	<u>Decimals</u>	<u>Percentages</u>
Translation Reflection of shapes in both axis.	Up to 3 decimal places. Multiply / divide decimals. Decimals as fractions	Percentages of amounts. Compare and order percentages. Equivalent FDP