

Year Group	Year 5	Term	Autumn One					
Theme title	Shoreham At War							
Assessment		Initial intake						
	NC ref	1	2	3	4	5	6	7
Maths		<u>Place value</u> 1000s, 100s, 10s and 1s. Value of digits up to 10,000. Round to the nearest 10, 100 and 1000.	<u>Place Value</u> Round, order and compare numbers with up to 5 digits (10,000)	<u>Place Value</u> Round, order and compare numbers with up to 6 digits (100,000)	<u>Place Value</u> Round numbers to one million. Roman Numerals to 1000. Negative numbers.	<u>Addition and Subtraction</u> Add whole numbers with more than 4 digits (column method). Subtract whole numbers with more than 4-digits (column method).	Assessment Week <u>NFER Autumn maths tests:</u> Paper 1 Arithmetic. Paper 2 & 3 Reasoning	<u>Addition and Subtraction</u> Round to estimate and approximate. Inverse operations. Multi-step problems.

Year Group	Year 5	Term	Autumn Two					
Theme title	Rebel Rebel							
Assessment								
	NC ref	1	2	3	4	5	6	7
Maths		<u>Multiplication and Division</u> Multiples, factors, common factors.	<u>Multiplication and Division</u> Prime numbers. Square and cube numbers.	<u>Multiplication and Division</u> Multiply and divide by 10, 100 and 1000. Multiples of 10, 100 and 1000.	<u>Fractions</u> Equivalent fractions. Improper fractions to mixed numbers.	<u>Fractions</u> Mixed numbers to improper fractions. Number sequences. Compare and order fractions less than 1.	<u>Fractions</u> Compare and order fractions greater than 1. Add and subtract fractions. Add fractions within 1.	<u>Fractions</u> Add 3 or more fractions. Add fractions. Add mixed numbers.

Year Group	Year 5	Term	Spring One					
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Theme title	To Infinity and Beyond							
Assessment								
	NC ref	1	2	3	4	5	6	7
Maths		<u>Multiplication</u> Multiply 4-digit by 1-digit. Multiply 2-digit by 2-digit. Multiply 3 digit by 2-digit. Multiply 4-digit by 2-digit.	<u>Division</u> Divide 4 digit by 1-digit. Divide 4-digits by 1-digit. Divide with remainders.	<u>Fractions</u> Subtract fractions. Subtract mixed fractions. Subtract – breaking the whole. Subtract 2 mixed numbers.	<u>Fractions</u> Multiply unit fractions by an integer. Multiply non-unit fractions by an integer. Multiply mixed numbers by integers.	<u>Fractions</u> Calculate fractions of a quantity. Fraction of an amount. Using fractions as operators.	<u>Decimals</u> Decimals up to 2dp. Decimals as fractions. Understand thousandths. Thousands as decimals.	

Year Group	Year 5	Term	Spring Two					
Theme title	Brave New World							
Assessment								
	NC ref	1	2	3	4	5	6	7
Maths		<u>Decimals</u> Rounding decimals. Order and compare decimals.	<u>Percentages</u> Understand percentages. Percentages as fractions and decimals. Equivalent FDP.	<u>Perimeter</u> Measure perimeter on a grid. Calculate the perimeter of rectangles and rectilinear shapes	<u>Area</u> Area of rectangles. Area of compound and irregular shapes.	<u>Statistics</u> Interpret charts. Read, interpret and draw line graphs.	<u>Statistics</u> Read and interpret tables. Two-way tables. Timetables.	

Year Group	Year 5	Term	Summer One					
Theme title	Ancient Greece							
Assessment								
	NC ref	1	2	3	4	5	6	7
Maths		<u>Properties of Shape: Angles</u> Identify angles. Compare and order angles. Measure angles in degrees with a protractor.	<u>Properties of Shape: Angles</u> Drawing lines and angles accurately. Calculating angles on a straight line. Calculating angles around a point.	<u>Properties of Shape: 2D and 3D Shape</u> Triangles. Quadrilaterals. Calculating lengths and angles. Regular and irregular polygons.	<u>Properties of Shape: Position and Direction</u> First quadrant co-ordinates. Describe position. Draw on a grid. Position in the first quadrant.	Assessment Week <u>NFER Summer maths tests:</u> Paper 1 Arithmetic. Paper 2 & 3 Reasoning	<u>Properties of Shape: Position and Direction</u> Translation - coordinates. Lines of symmetry. Reflection with coordinates.	

Year Group	Year 5	Term	Summer Two					
Theme title	Ancient Greece							
Assessment								
	NC ref	1	2	3	4	5	6	7
Maths		<u>Decimals</u> Add and subtract decimals.	<u>Decimals</u> Multiply and divide by 10, 100 and 1000. Decimal sequences.	<u>Converting Units</u> Kilometres and kilograms. Millimetres and Millilitres	<u>Converting Units</u> Metric Units. Imperial Units.	<u>Converting Units</u> Converting between units of time.	<u>Measure:</u> What is volume? Compare, and estimate volume. Estimate capacity.	

