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		Place value 1000s, 100s, 10s and 1s. Value of digits up to 10,000. Round to the nearest 10, 100 and 1000.	Place Value Round, order and compare numbers with up to 5 digits (10,000)	Place Value Round, order and compare numbers with up to 6 digits (100,000)	Place Value Round numbers to one million. Roman Numerals to 1000. Negative numbers.	Addition and Subtraction Add whole numbers with more than 4 digits (column method). Subtract whole numbers with more than 4-digits (column method).	**Assessment Week** NFER Autumn maths tests: Paper 1 Arithmetic. Paper 2 & 3 Reasoning	Addition and Subtraction 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		Statistics Interpret charts. Read, interpret and draw line graphs.	Statistics Read and interpret tables. Two-way tables. Timetables.	Multiplication and Division Multiples, factors, common factors.	Multiplication and Division Prime numbers. Square and cube numbers.	Multiplication and Division Multiply and divide by 10, 100 and 1000. Multiples of 10, 100 and 1000.	Perimeter Measure perimeter on a grid. Calculate the perimeter of rectangles and rectilinear shapes	Area Area of rectangles. Area of compound and irregular shapes.

Year Group	Year 5	**Term**	Spring One					
Theme title	To Infinity and Beyond							
Assessment								
	NC ref	**1**	**2**	**3**	**4**	**5**	**6**	**7**
Maths		Multiplication Multiply 4-digit by 1-digit. Multiply 2-digit by 2-digit. Multiply 3 digit by 2-digit. Multiply 4-digit by 2-digit.	Division Divide 4 digit by 1-digit. Divide 4-digits by 1-digit. Divide with remainders.	Fractions Equivalent fractions. Improper fractions to mixed numbers.	Fractions Mixed numbers to improper fractions. Number sequences. Compare and order fractions less than 1.	Fractions Compare and order fractions greater than 1. Add and subtract fractions. Add fractions within 1.	Fractions Add 3 or more fractions. Add fractions. Add mixed numbers.	

Year Group	Year 5	**Term**	Spring Two					
Theme title	Brave New World							
Assessment								
	NC ref	**1**	**2**	**3**	**4**	**5**	**6**	**7**
Maths		Fractions Subtract fractions. Subtract mixed fractions. Subtract – breaking the whole. Subtract 2 mixed numbers.	Fractions Multiply unit fractions by an integer. Multiply non-unit fractions by an integer. Multiply mixed numbers by integers.	Fractions Calculate fractions of a quantity. Fraction of an amount. Using fractions as operators.	Decimals Decimals up to 2dp. Decimals as fractions. Understand thousandths. Thousands as decimals.	Decimals Rounding decimals. Order and compare decimals.	Percentages Understand percentages. Percentages as fractions and decimals. Equivalent FDP.	

Year Group	Year 5	**Term**	Summer One					
Theme title	How old is the World?							
Assessment								
	NC ref	**1**	**2**	**3**	**4**	**5**	**6**	**7**
Maths		Decimals Adding and subtracting decimals. Multiplying and diving decimals by 10, 100 and 1000.	Properties of Shape: Angles Identify angles. Compare and order angles. Measure angles in degrees with a protractor.	Properties of Shape: Angles Drawing lines and angles accurately. Calculating angles on a straight line. Calculating angles around a point.	Properties of Shape: 2D and 3D Shape Triangles. Quadrilaterals. Calculating lengths and angles. Regular and irregular polygons.	**Assessment Week** NFER Summer maths tests: Paper 1 Arithmetic. Paper 2 & 3 Reasoning	Properties of Shape: Position and Direction First quadrant co-ordinates. Describe position. Draw on a grid. Position in the first quadrant.	

Year Group	Year 5	**Term**	Summer Two					
Theme title	How old is the World?							
Assessment								
	NC ref	**1**	**2**	**3**	**4**	**5**	**6**	**7**
Maths		Properties of Shape: Position and Direction Translation - coordinates. Lines of symmetry. Reflection with coordinates.	Converting Units Kilometres and kilograms. Millimetres and Millilitres	Converting Units Metric Units. Imperial Units.	Converting Units Converting between units of measure.	Converting Units Converting between units of time.	Measure: What is volume? Compare, and estimate volume. Estimate capacity.	