Year 6

Maths Curriculum Map

2023/24

Autumn 1						
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**
Place Value *Pre-assessment for place value*	*Pre-assessment for the four operations* Numbers to 1,000,000 Numbers to 10,000,000 Read and write numbers to 10,000,000 Powers of 10	Number line to 10,000,000 Compare and order any integers Round any integer Negative numbers **The Four Operations** Add and subtract integers	Common factors Common multiples Rules of divisibility Primes to 100 Square and cube numbers	*Pre-assessment for fractions (1)* Multiply up to a 4-digit number by a 2-digit number Solve problems with multiplication Short division *End of block assessment for place value*	Division using factors Introduction to long division Long division with remainders Solve problems with division Solve multi-step problems	Order of operations Mental calculations and estimation Reason from known facts
	KIRF - Can I recall all prime numbers up to 100?					

Autumn 2							
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**	**Week 8**
Fractions (1) Equivalent fractions and simplifying Equivalent fractions on a number line Compare and order (denominator) ***End of block assessment for the four operations***	Compare and order (numerator) Add and subtract simple fractions Add and subtract any two fractions Add mixed numbers Subtract mixed numbers	***Pre-assessment for converting units*** Multi-step problems **Fractions (2)** Multiply fractions by integers Multiply fractions by fractions Divide a fraction by an integer	Divide any fraction by an integer Mixed questions with fractions Fraction of an amount Fraction of an amount - find the whole	**Converting Units** Metric measures Convert metric measures Calculate with metric measures Miles and kilometers ***End of block assessment for fractions (1)***	Imperial measures **Ratio** Add or multiply? Use ratio language Introduction to the ratio symbol ***End of block assessment for fractions (2)***	Ratio and fractions Scale drawing	
	KIRF - Can I recall the common factor pairs of two given numbers?						

		Spring 1			
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Use scale factors Similar shapes Ratio problems ***End of block assessment for converting units***	***Pre- assessment for decimals*** Proportion problems Recipes **Algebra** 1-step function machines 2-step function machines	Form expressions Substitution Formulae Form equations Solve 1-step equations	Solve 2-step equations Find pairs of values Solve problems with two unknowns **Decimals** Place value within 1 Place value – integers and decimals	Round decimals Add and subtract decimals Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 ***End of block assessment for ratio***	***Pre-assessment for fractions, decimals & percentages*** Multiply decimals by integers Divide decimals by integers ***End of unit assessment for algebra***
	Can I recall the square numbers and their roots up to 15 x 15?				

Spring 2					
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Multiply and divide decimals in context	**Pre-assessment for area, perimeter & volume**	Percentage of an amount – multi-step	Area of a triangle – counting squares	***Pre-assessment for shape***	Pie charts with percentages
Fractions, Decimals & Percentages	Fractions to percentages	Percentages – missing values	Area of a right-angled triangle	Volume of a cuboid	Draw pie charts
Decimal and fraction equivalents	Equivalent fractions, decimals and percentages	**Area, Perimeter & Volume**	Area of any triangle	**Statistics**	The mean
Fractions as division	Order fractions, decimals and percentages	Shapes - same area	Area of a parallelogram	Line graphs	***End of block assessment for fractions, decimals & percentages***
Understand percentages	Percentage of an amount – one step	Area and perimeter	Volume - counting cubes	Dual bar charts	
		End of block assessment for decimals		Read and interpret pie charts	

Summer 1					
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Shape Measure and classify angles Calculate angles Vertically opposite angles Angles in a triangle	***Pre-assessment for geometry*** Angles in a triangle – special cases Angles in a triangle – missing angles Angles in quadrilaterals Angles in polygons	Circles Draw shapes accurately Nets of 3-D shapes **Geometry** The first quadrant Read and plot points in four quadrants	Solve problems with coordinates Translations Reflections	**Consolidation** ***End of block assessment for shape***	**Consolidation** ***End of block assessment for geometry***

Summer 2					
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Consolidation	**Consolidation**	**Consolidation**	**Consolidation**	**Consolidation**	**Consolidation**