MATHS	AUTUMN 2					
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
YEAR R	**Mastering Number** **Counting, ordinality and cardinality** - Focus on counting skills - Focus on the 'five-ness of 5' using one hand and the die pattern for 5	**Mastering Number** **Comparison** - Comparison of sets - by matching - Use the language of comparison: more than, fewer than, an equal number	**Mastering Number** **Composition** - Explore the concept of 'whole' and 'part'	**Mastering Number** **Composition** - Focus on the composition of 3, 4 and 5	**Mastering Number** **Counting, ordinality and cardinality** - Practise object counting skills - Match numerals to quantities within 10 - Verbal counting beyond 20	**Circles and triangles** - Identify and name circles and triangles - Compare circles and triangles - Shapes in the environment Describe position **Shapes with 4 sides** - Identify and name shapes with 4 sides - Combine shapes with 4 sides - Shapes in the environment - My day and night
YEAR 1	**Place value within 20** - Count within 20 - Understand 10 - Understand 11, 12, 13 - Understand 14, 15, 16 - Understand 17, 18, 19	**Place value within 20** - Understand 20 - 1 more and 1 less - The number line to 20 - Using a number line to 20 - Estimating on a number line to 20	**Place value within 20** - Compare numbers to 20 - Order numbers to 20	**Addition and subtraction within 20** - Add by counting on - Add ones using number bonds - Find and make number bonds to 20 - Doubles - Near doubles	**Addition and subtraction within 20** - Subtract ones using number bonds - Subtraction (counting back) - Subtraction (finding the difference) - Related facts - Missing number problems	**Consolidation**
YEAR 2	**Addition and subtraction** - Subtract from 10 - Subtract a 1-digit number from a 2-digit number (across 10) - 10 more, 10 less - Add and subtract 10s - Add two 2-digit numbers (not across a 10)	**Addition and subtraction** - Add two 2-digit numbers (across a 10) - Subtract two 2-digit numbers (not across a 10) - Subtract two 2-digit numbers (across a 10) - Mixed addition and subtraction - Compare number sentences	**Addition and subtraction** - Missing number problems	**Shape** - Recognise 2-D and 3-D shapes - Count sides on 2-D shapes - Count vertices on 2-D shapes - Draw 2-D shapes - Lines of symmetry on shapes	**Shape** - Use lines of symmetry to complete shapes - Sort 2-D shapes - Count faces on 3-D shapes - Count edges on 3-D shapes - Count vertices on 3-D shapes	**Shape** - Sort 3-D shapes - Make patterns with 2-D and 3-D shapes
YEAR 3	**Addition and subtraction** - Subtract two numbers - Add 2-digit and 3-digit numbers - Subtract a 2-digit from a 3-digit number - Complements to 100	**Addition and subtraction** - Inverse operations - Make decisions	**Multiplication and Division** - Multiplication equal groups - Use arrays - Multiples of 2 - Multiples of 5 and 10 - Sharing and grouping	**Multiplication and Division** - Multiply by 3 - Divide by 3 - 3 times table - Multiply by 4 - Divide by 4	**Multiplication and Division** - 4 times table - Multiply by 8 - Divide by 8 - 8 times table - 2,4 and 8 times table	**Multiplication and Division** - Multiples of 10 - Related calculations - Reasoning about multiplication - Multiply 2 by 1 digit (no exchange)

	- Estimate answers					- Multiply 2 by 1 digit (exchange)
YEAR 4	**Area** - What is area? - Count squares - Makes shapes - Compare areas	**Multiplication and Division** - Multiple of 3 - Multiply and divide by 6 - 6 times tables and division facts - Multiply and divide by 9 - 9 times tables and division facts	**Multiplication and Division** - 3,6,9 times table - Multiply and divide by 7 - 7 times tables and division facts - 11 times tables and division facts - 12 times tables and division facts	**Multiplication and Division** - Multiply by 1 and 0 - Divide a number by 1 and itself - Multiply three numbers	**Multiplication and Division** - Factor pairs - Using factor pairs - Multiply by 10 - Multiply by 100 - Divide by 10	**Multiplication and Division** - Divide by 100 - Related facts - Informal written method for multiplication - Multiply a 2-digit number by a 1-digit number - Multiply a 3-digit number by a 1-digit number
YEAR 5	**Multiplication and Division** - Square numbers - Cube numbers - Multiply by 10, 100 and 1,000 - Divide by 10, 100 and 1,000 - Multiples of 10, 100 and 1,000	**Fractions** - Find fractions equivalent to a unit fraction - Find fractions equivalent to a non-unit fraction - Recognise equivalent fractions - Convert improper fractions to mixed numbers - Convert mixed numbers to improper fractions	**Fractions** - Compare fractions less than 1 - Order fractions less than 1 - Compare and order fractions greater than 1 - Add and subtract fractions with the same denominator - Ass fractions within 1	**Fractions** - Add fractions with total greater than 1 - Add fraction to a mixed number - Add two mixed numbers - Subtract fractions - Subtract from a mixed number	**Fractions** - Subtract from a mixed number (breaking the whole) - Subtract two mixed numbers	**Consolidation**
YEAR 6	**Fractions** - Equivalent fractions and simplifying - Equivalent fractions on a number line - Compare and order fractions (denominator) - Compare and order (numerator) - Add and subtract simple fractions	**Fractions** - Add and subtract any 2 fractions - Add mixed numbers - Subtract mixed numbers - Multi-step problems	**Fractions** - Multiply fractions by integers - Multiply fractions by fractions - Divide a fraction by an integer - Fraction of an amount	**Measurement (Converting units)** - Metric measures - Converting metric measures - Calculating with metric measures - Miles and kilometres - Imperial measures	**Ratio** - Add or multiply - Using ratio language - Ratio symbol - Ratio and fraction - Scale drawings	**Ratio** - Using scale factors - Similar shapes - Ratio problems - Proportion problems - Ratio in context of recipes