MATHS	AUTUMN 1					
	Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
YEAR R	**Mastering Number** **Subitising** Subitising within 3	**Mastering Number** **Counting, ordinality and cardinality** Focus on counting skills	**Mastering Number** **Composition** Explore how all numbers are made of 1s Focus on composition of 3 and 4	**Mastering Number** **Subitising** - Subitise objects and sounds	**Mastering Number** **Comparison** - Comparison of sets - 'just by looking' - Use the language of comparison: more than and fewer than	**Talk about measure and patterns** - Explore simple patterns - Copy and continue simple patterns Create simple patterns **Talk about measure and patterns** - Compare size - Compare mass - Compare capacity -
YEAR 1	**Place Value within 10** - Sort objects - Count objects - Count larger groups - Represent objects - Recognise numbers as words	**Place Value within 10** - Count on from any number - 1 more - Count backwards within 10 - 1 less - Compare groups by matching	**Place Value within 10** - More, fewer, same - Less then, greater than, equal - Compare numbers - Order objects - The number line	**Addition and Subtraction within 10** - Introduce parts and wholes - Part-whole model - Write number sentences - Fact families (addition facts) - Number bonds to 10	**Addition and Subtraction within 10** - Systematic number bonds to 10 - Number bonds to 10 - Add 2 parts together - Add more to a number - Addition problems	**Shape** - Recognise and name 3D shapes - Sort 3D shapes - Recognise and name 2D shapes - Sort 2D shapes - Patterns with 2D and 3D shapes
YEAR 2	**Place Value** - Numbers to 20 - Counting objects to 100 making groups of 10 - 10s and 1s - Using a place value chart - Partition numbers to 100	**Place Value** - Write numbers in order to 100 - Flexible partition numbers to 100 - Write numbers to 100 in expanded form - Putting 10s on a number line - 10s and 1s on a number line	**Place Value** - Estimating on a number line - Comparing objects - Comparing numbers - Ordering objects	**Place Value** - Count in 2s,5s and 10s - Count in 3s	**Addition and subtraction** - Number bonds to 10 - Fact families - Related facts - Number bonds to 100 (10s) - Add and subtract 1	**Addition and subtraction** - Add by making 10 - Add three 1-digit numbers - Add to the next 10 - Add across a 10 - Subtract across a 10
YEAR 3	**Place Value** - Numbers to 100 - Partition numbers to 100 - Number line to 100 - Hundreds - Represent numbers to 1,000	**Place Value** - Partition numbers to 1,000 - Flexible partitioning - Hundreds, tens and ones - 100, 10 and 1 more or les - Number lines to 1,000	**Place Value** - Estimate on a number line to 1,000 - Compare numbers to 1,000 - Order numbers to 1,000 - Count in 50s	**Addition and Subtraction** - Apply number bonds within 10 - Add and subtract 1s - Add and subtract 10s - Add and subtract 100s - Pattern spotting	**Addition and Subtraction** - Add 1s across a 10 - Add 10s across a 100 - Subtract 1s across a 10 - Subtract 10s across a 100 - Making connections	**Addition and Subtraction** - Add 2 number (no exchange) - Subtract 2 numbers (no exchange) - Add 2 numbers (across a 10) - Add 2 numbers (across a 100) - Subtract 2 numbers (across a 10)

YEAR 4	**Place Value** - Numbers to 1,000 - Partition numbers 1,000 - Number line 1,000 - Thousands - Represent numbers to 10,000	**Place Value** - Partition numbers to 10,000 - Flexible partitioning of numbers to 10,000 - Find 1, 10, 100, 1,000 more or less - Number line to 10,000 - Estimate on a number line to 10,000	**Place Value** - Compare numbers to 10,000 - Order numbers to 10,000 - Roman numerals - Round to the nearest 10 - Round to the nearest 100	**Place Value** - Round to the nearest 1,000 - Round to the nearest 10, 100 or 1,000	**Addition and Subtraction** - Add and subtract 1s, 10s, 100s and 1,000s - Add up to two 4-digit numbers (no exchange) - Add up to two 4-digit numbers (one exchange) - Add up to two 4-digit numbers (more than one exchange) - Subtract up to two 4-digit numbers (no exchange)	**Addition and Subtraction** - Subtract up to two 4-digit numbers (one exchange) - Subtract up to two 4-digit numbers (more than one exchange) - Efficient subtraction - Estimate answers - Checking strategies
YEAR 5	**Place Value** - Roman numerals - Numbers to 10,000 - Numbers to 100,000 - Numbers to 1,000,000 - Read and write numbers to 1,000,000	**Place Value** - Powers of 10 - Powers of 10 more and less - Partition numbers to 1,000,000 - Number line to 1,000,000 - Compare and order numbers	**Place Value** - Compare and order numbers to 1,000,000 - Round to the nearest 10,100 or 1,000 - Round within 100,000 - Round within 1,000,000	**Addition and Subtraction** - Mental strategies - Add whole numbers with more than 4 digits - Subtract whole numbers with more than 4 digits - Round to check answers - Inverse operations	**Addition and Subtraction** - Multi-step addition and subtraction problem - Compare calculations - Find missing numbers	**Multiplication and Division** - Multiplies - Common multiples - Factors - Common factors - Prime numbers
YEAR 6	**Place Value** - 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	**Place Value** - Compare and order numbers - Round any integer - Negative numbers	**Four operations** - Add and subtract integers - Common factors - Common multiples - Rules of divisibility - Prime numbers to 100	**Four operations** - Square and cube numbers - Multiply up to a 4-digit number by a 2-digit number - Solve problems with multiplication - Short division - Division using factors	**Four operations** - Long division - Long division with remainders - Solve problems with division - Solve multi-step problems - Order of operations	**Four operations** - Mental calculations and estimation - Reason from known facts