



## Long-Term Curriculum Map

Year 3

### Maths

Year 3		
Autumn	Spring	Summer
<p><b><u>Place Value</u></b>            Represent numbers to 100            Partition numbers to 100            Number line to 100            Hundreds            Represent numbers to 1,000            Partition numbers to 1000            Flexible partitioning of numbers to 1000            100s, 10s and 1s            Find 1, 10 or 100 more or less            Number line to 1000            Estimate on a number line to 1000            Compare numbers to 1000            Order numbers to 1000            Count in 50's</p> <p><b><u>Addition and Subtraction</u></b>            Apply number bonds within 10            Add and subtract 1s            Add and subtract 10s            Add and subtract 100s            Spot the pattern            Add 1s across a 10            Add 10s across a 100            Subtract 1s across a 10            Subtract 10s across a 100            Make connections            Add two numbers (no exchange)</p>	<p><b><u>Multiplication and division B</u></b>            Multiples of 10            Related calculations            Reasoning about multiplication            Multiply a 2-digit by a 1-digit (no exchange)            Multiply a 2-digit by a 1-digit (with exchange)            Link multiplication and division            Divide a 2-digit by a 1-digit (no exchange)            Divide a 2 digit by a 1-digit (flexible partitioning)            Divide a 2-digit by a 1 –digit (with remainders)            Scaling            How many ways?</p> <p><b><u>Measurement (Length and Perimeter)</u></b>            Measure in m and cm            Measure in mm            Measure in cm and mm            Meters, centimeters and millimeters            Equivalent lengths (m and cm)            Equivalent lengths (cm and mm)            Compare lengths            Add lengths            Subtract lengths            What is perimeter?            Measure perimeter            Calculate perimeter</p>	<p><b><u>Fractions B</u></b>            Add fractions            Subtraction fractions            Partition the whole            Unit fractions of a set of objects            Non-unit fractions of a set of objects            Reasoning with fractions of amounts</p> <p><b><u>Money</u></b>            Pounds and pence            Convert pounds and pence            Add money            Subtract money            Find change</p> <p><b><u>Time</u></b>            Roman numerals to 12            Tell the time to 5 minutes            Tell the time to the minute            Read time on a digital clock            Use am and pm            Years, months and days            Days and hours            Hours and minutes –use start and end times            Hours and minutes – use durations            Minutes and seconds            Units of time</p>

*We are **ACHIEVERS!***

*We are a **COMMUNITY!***

*We are **PROUD!***

*We are **INCLUSIVE!***



<p>Subtract two numbers (no exchange) Add two numbers (across a 10) Add two numbers (across a 100) Subtract two numbers (across a 10) Subtract two numbers (across a 100) Add 2-digit and 3-digit numbers Subtract a 2-digit from a 3-digit number Complements to 100 Estimate answers Inverse operations Make decisions</p> <p><b><u>Multiplication and division A</u></b> Multiplication equal groups Using arrays Multiples of 2 Multiples of 5 and 10 Sharing and grouping Multiply by 3 Divide by 3 The 3 times tables Multiply by 4 Divide by 4 The 4 times tables Multiply by 8 Divide by 8 The 8 times tables The 2, 4 and 8 times tables</p>	<p><b><u>Fractions A</u></b> Understand the denominators of unit fractions Compare and order unit fractions Understand the numerator of non-unit fractions Understand the whole Compare and order non-unit fractions Fractions and scales Fractions on a number line Count in fractions on a number line Equivalent fractions on a number line Equivalent fractions as bar models</p> <p><b><u>Mass and Capacity</u></b> Use scales Measure mass in grams Measure mass in kilograms and grams Equivalent masses (kilograms and grams) Compare mass Add and subtract mass Measure capacity and volume in milliliters Measure capacity and volume in milliliters and litres Equivalent capacities (litres and milliliters) Compare capacity and volume Add and subtract capacity and volume</p>	<p>Solve problems with time</p> <p><b><u>Properties of shape</u></b> Turns and angles Right angles Compare angles Measure and draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2D Shapes Draw polygons Recognise and describe 3D Shapes Make 3D Shapes</p> <p><b><u>Statistics</u></b> Interpret pictograms Draw pictograms Interpret bar charts Draw bar charts Collect and represent data Two-way tables</p>
---	---	---