

Year 3 (2025-2026)

Autumn	<p>Time (3 days)</p> <p>Know the number of days in each month, year and leap year - using annotations on calendars (and then keep bubbling all year) 'Maths Eyes'</p> <p>Bubbling - tell and write the time from an analogue clock to 5 minutes including o'clock quarter past/to, half past (in line with Year 2 guidance). Tell the time to 5 minutes. Years, months and days.</p> <p><i>Book - Katie Morag and the birthdays, Mairi Hedderwick</i></p> <p><i>Problem solving (visual and diagram/ logic)</i> https://nrich.maths.org/10322</p>	<p>Multiplication & division (4 weeks) linked to 3x, 4x and 8x times tables</p> <p>4 times table Numicon staircase. 4 times table multiples on a 100 square. 4 times table build groups on empty number line. 4 times table arrays. Understand division through arrays $\div 4$ 8 times table Numicon staircase. 8 times table multiples on a 100 square. 8 times table build groups on empty number line. 8 times table arrays. Understand division through arrays $\div 8$ 3 times table Numicon staircase. 3 times table multiples on a 100 square. 3 times table build groups on empty number line. 3 times table arrays. Understand division through arrays $\div 3$</p>	<p>Place value (3 weeks)</p> <p>Represent numbers to 100. Partition numbers to 100. Number line to 100. Hundreds. Represent numbers to 1,000. Partition numbers to 1,000. Flexible partitioning of numbers to 1,000. Hundreds, tens and ones. Find 1, 10 or 100 more or less. Number line to 1,000. Estimate on a number line to 1,000. Order numbers to 1,000. Count in 50s.</p>	<p>Roman numerals (2 days)</p> <p>Linked to time</p> <p>Roman numerals to 12 (Summer, Time)</p>	<p>Addition and subtraction (5 weeks)</p> <p>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). 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 two-digit number from a 3-digit number. Complements to 100. Estimate answers. Inverse operations. Make decisions.</p>
---------------	--	---	--	---	--

Spring	<p style="text-align: center;">Time (2 weeks)</p> <p>Reading (just with past times) to the nearest minute exploring the minute hand only e.g. 'It is ___ minutes past'.</p> <p>Hour then added to the nearest minute past times e.g. 'It is ___ minutes past ____ . ____ past ____'.</p> <p>Recap of 'quarter past' and 'half past' as special names used for '15 past' and '30 past'.</p> <p>Exploration of missing number calculations linked to 60 minutes e.g. $24 + \square = 60$ and $60 = \square + 19$.</p> <p>Reading \square (just with 'to' times) to the nearest ___ minute exploring the minute hand only e.g. 'It is ___ minutes to'.</p> <p>Hour then added to the nearest minute 'to' times e.g. 'It is ___ minutes to ____ . ____ to ____'.</p> <p>Recap of 'quarter past' and 'half past' as special names used for '15 past' and '30 past'.</p> <p>Sorting and classifying - is it a 'past' time or a 'to' time? The clocks are used to answer the question without identifying the time.</p>	<p style="text-align: center;">Multiplication & division (4 weeks)</p> <p>Multiples of 10. Related calculations. Scaling. Awesome arrays. Grid method - teen numbers only. Grid method - 2 digit numbers within the taught times tables. Introduce to KFC. Use chunking to divide 2-digit number by a 1-digit number without remainders. Use chunking to divide 2-digit number by a 1-digit number with remainders. Correspondence problems (How many ways).</p>	<p style="text-align: center;">Length & Perimeter (3 weeks)</p> <p>Measure in metres and centimetres. Measure in millimetres. Measure in centimetres and millimetres. Measure in metres, centimetres and millimetres. Equivalent lengths (metres and centimetres). Equivalent lengths (centimetres and millimetres). Compare lengths. Add lengths. Subtract lengths. What is perimeter? Measure perimeter. Calculate perimeter.</p>	<p style="text-align: center;">Fractions (3 weeks)</p> <p>Understand the denominators of unit fractions. Compare and order unit fractions. Understand the numerators 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 on a number line. Equivalent fractions as bar models.</p>	<p style="text-align: center;">Mass and capacity (1 week)</p> <p>Use scales. Measure mass in grams. Measure mass in kilograms and grams. Equivalent masses (kilograms and grams) Compare mass.</p>
---------------	--	---	--	---	---

Summer	<p>Mass and capacity (2 weeks)</p> <p>Add and subtract mass. Measure capacity and volume in millimetres. Measure capacity and volume in litres and millilitres. Equivalent capacities and volumes (litre and millilitres) Compare capacity and volume. Add and subtract capacity and volume.</p>	<p>Fractions (2 weeks)</p> <p>Add fractions. Subtract fractions. Partition the whole. Use fractions of a set of objects, Non-unit fractions of a set of objects. Reasoning with fractions of an amount.</p>	<p>Money (1 week)</p> <p>Pounds and pence. Convert pounds and pence. Add money Subtract money. Find change.</p>	<p>Time (2 weeks)</p> <p>Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. Use a.m. and p.m.</p> <p>Introduce, read and write digital times to explore a.m. and p.m. e.g. 3:15AM (not 03:15) and 3:13PM (not 15:15).</p> <p>Know the number of seconds in a minute.</p> <p>Record and compare time in terms of seconds, minutes and hours.</p> <p>Compare durations of events e.g. to calculate the time taken by particular events or tasks.</p> <p>Days and hours. Hours and minutes - use start and end times. Hours and minutes - use durations</p>	<p>Shape (2 weeks)</p> <p>Turns and angles. Right angles. Compare angles. Measure and draw accurately. Horizontal and vertical. Parallel and perpendicular. Recognise and describe 2-D shapes. Draw polygons. Recognise and describe 3-D shapes. Make 3-D shapes.</p>	<p>Statistics (2 weeks)</p> <p>Interpret pictograms. Draw pictograms. Interpret bar charts. Draw bar charts. Collect and represent data. Two-way tables.</p>
--------	--	---	--	---	---	--