

Y3: Medium Term Plans

Autumn	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Number: Place value			Number: Addition and subtraction			Statistics		Number: Multiplication and division			Measurement: Money		Consolidation
Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Number: Addition and subtraction			Geometry: Properties of shape		Number: Multiplication and division			Number: Fractions			Consolidation		
Summer	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
	Measurement: Time			Number: Fractions			Measurement: Length and perimeter		Measurement: Mass and capacity		Consolidation			

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Autumn Term

Place value

- Compare and order numbers up to 1,000
- Find 10 or 100 more or less than a given number
- Identify, represent and estimate numbers using different representations
- Read and write numbers up to 1,000 in numerals and in words
- Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
- Solve number problems and practical problems involving these ideas.

Addition and subtraction (column addition and subtraction written methods focus)

- Add and subtract numbers mentally, including: $\text{HTU} \pm \text{U}$, $\text{HTU} \pm \text{T}$, $\text{HTU} \pm \text{H}$
- Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- Estimate the answer to a calculation and use inverse operations to check answers
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Statistics

- Interpret and present data using bar charts, pictograms and tables
- Solve one-step and two-step questions [e.g. 'how many more?' and 'how many fewer?'] using information presented in scaled bar charts and pictograms and tables.

Multiplication and division (times table facts: 3, 4 and 8)

- Estimate the answer to a calculation and use inverse operations to check answers
- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

Measurement – money

- Add and subtract amounts of money to give change, using both £ and p in practical contexts

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Spring Term

Addition and subtraction (problem solving focus)

- Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- Estimate the answer to a calculation and use inverse operations to check answers
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Geometry

- Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
- Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle
- Recognise angles as a property of shape or a description of a turn

Multiplication and division (written methods focus)

- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
- Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

Fractions (add, subtract, order and compare fractions)

- Add and subtract fractions with the same denominator within one whole (e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$)
- Compare and order unit fractions, and fractions with the same denominators
- Recognise and show, using diagrams, equivalent fractions with small denominators

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Summer Term

Measurement – time

- Compare durations of events, for example to calculate the time taken by particular events or tasks
- Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as a.m./p.m., morning, afternoon, noon and midnight
- Know the number of seconds in a minute and the number of days in each month, year and leap year
- Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks

Fractions (fractions of an amount and links to decimals - tenths)

- Count up and down in tenths
- Recognise and show, using diagrams, equivalent fractions with small denominators
- Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one – digit numbers or quantities by 10
- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- Solve problems that involve all of the above

Measurement – length and perimeter

- Measure, compare, add and subtract: lengths (m/cm/mm);
- Measure the perimeter of simple 2-D shapes

Measurement – mass and capacity

- Measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml)