

Year 3 - Maths Long Term Plan 2022 - 2023

Stage 3 Year Overview		
Unit	Learning Hours	Summary of Key Content
1. Investigating Number Systems	8	Read and write numbers to 1000 in words and numerals; recognise place value up to 3 digits; identify, represent and estimate numbers; compare and order numbers up to 1000.
2. Pattern Sniffing	10	Count in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number; recall multiplication tables for 3s, 4s and 8s.
3. Solving Calculation Problems	10	Add and subtract mentally up to 3 digits plus ones, or tens or hundreds; add and subtract up to 3d using formal methods; estimate answers and use inverse operations to check a calculation.
4. Generalising Arithmetic	12	Revisit mental addition and subtraction (3d + 1s or 10s or 100s) and formal methods of calculation for addition and subtraction up to 3d. Solve problems using addition and subtraction including missing number problems, number facts, place value etc.
5. Exploring Shape	8	Identify horizontal and vertical lines; identify pairs of parallel or perpendicular lines; recognise angles in shapes or as turns; identify right angles; recognise multiples of right angles.
6. Reasoning with Measures	10	Add and subtract money in practical contexts to give change etc. Measure perimeter of simple 2D shapes
7. Discovering Equivalence 8. Reasoning with Fractions	15	Recognise, find and write fractions of a discrete set of objects; recognise and use fractions as numbers; compare and order unit fractions; compare and order fractions with the same denominator; recognise and show equivalent fractions. Add and subtract fractions with same denominator within one whole.
9. Solving Number Problems	16	Write statements for multiplication and division using times tables, including up to 2d x 1d.
10. Investigating Statistics	8	Interpret and construct simple tally charts, pictograms, block diagrams and tables; ask and answer simple questions by counting and sorting; ask and answer questions by totalling and comparing data.
11. Visualising Shape	8	Draw 2D shapes and make 3D shapes; recognise 3D shapes in various orientations and describe them.
12. Exploring Change	12	Tell and show the time to nearest minute using analogue and digital clocks, using 12 and 24 hours. Know number of seconds in a minute, number of days in each month, year and leap year. Compare durations of events.
13. Proportional Reasoning	8	Solve problems involving multiplication and division including missing numbers, scaling and correspondence problems.
14. Describing Position	0	No content for Stage 3 in this strand
15. Measuring and Estimating	6	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)