Year 3 2026-2027 Maths Overview

Autumn 1

Week	Topic	Objectives
1 (3 days)	Number, Place Value & Money	• Revise placing 2-digit numbers on an empty number line • Place 3-digit numbers on a landmarked line • Place value and ordering 3-digit numbers • Write amounts in pounds and pence • Comparing amounts of money written in pounds and pence (Place Value)
2	Mental Addition & Subtraction	• Addition and subtraction facts up to 20 • Using the = sign to represent equality • Use number facts to add a 1-digit number to a 2-digit number • Use number facts to subtract a 1-digit number from a 2-digit number • Add several small numbers, using number facts
3	Mental Addition & Subtraction	• Add 2-digit numbers by partitioning • Subtract by counting up (answers less than 20) • Subtract by counting up (answers more than 20) • Count up to find change from a pound
4	Shape	• Recognise lines of symmetry, complete symmetrical drawings • Describe, name and sort 2D shapes • Describe, name and sort 2D shapes using a Venn diagram • Describe, name and sort 3D shapes • Describe, name and sort 3D shapes using a Carroll diagram
5	Mental Multiplication & Division	• Double 2-digit numbers up to 50 • Halve even 2-digit numbers • Revise 5 and 10 times tables, division facts and commutativity • Revision of 2 times table, focusing on division • Recognising multiples of 2, 5 and 10
6	Number, Place Value & Money	• Add using place value • Subtract using place value • Add and subtract money using place value • Add 1, 10 and 100 to any 3-digit number • Subtract 1, 10 and 100 from any 3-digit number
7	Mental Addition & Subtraction	• Add 100s, 10s and 1s • Subtract 100s, 10s and 1s • Add and subtract near multiples of 10 to/from 2-digit numbers • Add near multiples of 10 to 3-digit numbers • Subtract near multiples of 10 from 3-digit numbers
8	Mental Addition & Subtraction	• Know multiples of 5 which total 100 • Know pairs of 2-digit numbers which total 100 • Subtract numbers on either side of 100 by counting up • Subtract numbers on either side of 100 by counting up • Subtract numbers on either side of 100 by counting up

Autumn 2

Week	Topic	Objectives
1 (4 Days)	Measures & Data	• Revise telling time past the hour (to 5 minutes) on both analogue and digital clocks • Revise telling time to the hour (to 5 minutes) on analogue and digital clocks • Know equivalent analogue and digital times; Use am and pm • Time events in seconds, record on a bar chart, one step is 10 seconds • Collect/ represent data in pictograms, one symbol represents 2 units
2	Mental Multiplication & Division **(Assessment Week)**	• x and ÷ facts for the 3 times table • x and ÷ facts for the 4 times table • Writing division facts to go with multiplications • Dividing using multiplication facts, with remainders • Dividing using multiplication facts, with remainders
3	Fractions	• Understanding the concept of $\frac{1}{2}$, ⅓ and $\frac{1}{4}$ of shapes and number • Finding $\frac{1}{2}$ of quantities, including odd numbers • Finding halves of quantities less than 100 • Finding $\frac{1}{4}$ and $\frac{3}{4}$ of quantities • Finding 1/3 and 2/3 of quantities
4	Number, Place Value & Money	• Place 3-digit numbers on a number line. • Place 3-digit numbers on a number line. • Partition 3-digit numbers into 100s, 10s and 1s; compare and order numbers. Use a number line to compare and order 3-digit numbers. • Partition numbers into 100s, 10s and 1s. Understand place value in 3-digit numbers.
5	Mental Addition & Subtraction	• Add pairs of 2-digit numbers using different strategies. • Add pairs of 2-digit numbers using different strategies. • Subtract multiples of 10 and near multiples. • Use counting up to find differences (subtract). • Choose strategies to subtract.
6	Written Addition & Mental Subtraction	• Add 3-digit numbers using expanded addition. • Add 3-digit numbers using expanded addition. • Add 3-digit numbers using expanded addition. • Subtract a 2-digit number from a 3-digit number using counting up. • Subtract a 2-digit number from a 3-digit number using counting up.
7	Measures & Data	• Measure in metres and cm; convert cm to m and vice versa. • Measure in cm and mm. Convert mm to cm and vice versa. • Measure in kg and g. Convert g to kg and vice versa. • Measure in kg and g. Draw a bar chart. • Measure in m, cm and mm, kg and g. Draw a bar chart.

Spring 1

Week	Topic	Objectives
1	Fractions	• Place fractions on a number line (1/4s 1/2s, 1/8s). • Finding fractions of amounts (1/4s and 1/8s). • Finding fractions of amounts (1/3s and 1/6s). • Understanding denominator & numerator and comparing fractions. • Recognise and find fractions with a total of 1.
2	Number, Place Value & Money	• Place value in 3-digit numbers including money. • Multiplying and dividing by 10. • Multiplying and dividing by 10 and 100. • Multiplying and dividing by 10 and 100 using money. • Using inverse operations.
3	Mental Addition & Mental Subtraction	• Add a 1-digit number to a 3-digit number. • Subtract a 1-digit number from a 3-digit number. • Add/subtract multiples of 10 and 100. • Add/subtract multiples of 10 and 100. • Using addition and subtraction to solve word problems.
4	Written Addition & Mental Subtraction	• Expanded addition to add two 3-digit numbers. • Expanded addition to add two 3-digit numbers. • Find a difference between pairs of numbers within the same century • Find a difference between pairs of numbers, check with addition. • Addition and subtraction word problems.
5	Measures & Shape (Time, Position & Direction)	• Read and write analogue and digital times. • Match analogue & digital times; read and write these. • Begin to calculate time intervals. • Begin to calculate time intervals. • Understand angles as turn and right angles as $\frac{1}{4}$ turns.
6	Mental Multiplication & Division	• Double the 4 times table to get the 8 times table. • Varied multiplications for the 2, 3, 4, 5, 8, 10 times tables. • Division within tables with remainders. • Division within tables with remainders. • Multiplication and division word problems.

Spring 2

Week	Topic	Objectives
1	Mental Multiplication & Division	• Multiply by 4 by doubling twice. • Divide by 4 by halving twice. • Find unit fractions of quantities using division facts. • Find non-unit fractions of quantities using division and multiplication. • Find non-unit fractions of quantities using division and multiplication.
2	**Assessment Week**	
3	Place Value & Number	• Partition and represent 3-digit numbers using Place Value cards and multi-base equipment (Dienes). • Order and compare 3-digit numbers, place on a NL, find a number between. • Place 3-digit numbers on landmarked lines (sections with 10s, then just 100s marked) and round to the nearest 10 and 100. • Place value in money, writing in pounds and pence. • Use place value to add and subtract pounds, 10ps and 1ps, e.g. £4.63 – 60p and £3.49 + 30p.
4	Addition & Subtraction	• Revise using expanded and compact addition to add any pair of 3-digit numbers. • Use compact addition to add pairs of 3-digit numbers, estimate totals. • Use compact addition to add any pair of 3-digit numbers; look for patterns and make generalisations. • Revise using counting on to subtract 2-digit numbers from 3-digit numbers, e.g. 137 – 72. • Revise using Frog to subtract 3-digit numbers within same century, e.g. 476 – 438.
5 (4 Days)	Multiplication & Division	• Revise doubling numbers to 50 using partitioning. • Revise halving numbers to 100 using partitioning. • Revise times tables and division facts (1x, 2x, 3x, 4x, 5x, 8x, 10x). • Begin to use the grid method to multiply 2-digit numbers (teens) by 1-digit numbers. • Begin to use the grid method to multiply 2-digit numbers (numbers < 30) by 1-digit numbers; Find and test rules.

Summer 1

Week	Topic	Objectives
1	Measures & Data	• Measure in litres and millilitres and convert between the two units. • Revise measuring in millimetres and centimetres, draw a bar chart. • Revise measuring in metres and centimetres, find perimeters. • Revise am and pm; Begin to tell the time to the nearest minute. • Tell time to nearest minute; Compare time durations.
2	Addition & Subtraction	• Add three or four 2-digit numbers using expanded or compact addition. • Add three or four 2-digit numbers using compact addition; estimate answers. • Add three or four 2-digit numbers using compact addition; Find and test rules. • Use counting on to help calculate change from £5, £10 and £20. • Use counting on to find the difference between amounts of money.
3	Place Value	• Count in 50s and 100s. • Count in 4s and 8s. • Work out the rule for a sequence. • Introduce 4-digit numbers, counting above 1000. • Place value in numbers from 1000 to 2000.
4 (4 Days)	Multiplication & Division	• Scale up by multiplying by 4 (double twice) and by 10 • Scale down by dividing by 4 (halve twice) and by 10 • Divide numbers just beyond the times tables (no remainders) • Divide numbers just beyond the times tables (no remainders) • Divide numbers just beyond the times tables (with remainders)
5	Shape, Measures & Data	• 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 • Identify horizontal, vertical, perpendicular and parallel lines • Count faces, vertices and edges of 3D shapes • Revise units of time
6	**Assessment Week**	
7	Fractions	• Understand tenths, and find tenths of amounts • Fractions as numbers and as operators; find unit fractions of quantities • Find non-unit fractions of amounts • Find fractions which are equivalent to $\frac{1}{2}$ and to $\frac{1}{4}$ • Add and subtract fractions with the same denominator within one whole

Summer 2

Week	Topic	Objectives
1 (4 Days)	Place Value & Number Patterns	• Work out the rule for a sequence; • Count past 1000; • Begin to understand place value in 4-digit numbers
2	Addition & Subtraction	• Revise adding three or four 2-digit numbers using compact addition; estimate answers • Use column addition to add three 3-digit numbers • Use column addition to amounts of money (one 'carry' between 1ps and 10ps or from 10ps to £s) • Use column addition to amounts of money; Revise finding the change from £5, £10 and £20 using counting on • Find change from £100 using counting on
3	Addition & Subtraction Multiplication & Division	• Add 3-digit numbers using place value; Add near multiples of 100 • Subtract 3-digit numbers using place value; Subtract near multiples of 100 • Use the grid method to multiply 2-digit numbers (numbers < 40) by 1-digit numbers • Divide numbers within and just beyond the times tables (with remainders) • Solve correspondence problems
4	Times Tables	• Know the 3, 4 and 8 multiplication tables and use multiplication and division facts for them. • Be able to use the multiplication tables to calculate mathematical statements for multiplication and division, including multiplying two-digit numbers with one-digit numbers.
5	Times Tables	• Know the 3, 4 and 8 multiplication tables and use multiplication and division facts for them. • Be able to use the multiplication tables to calculate mathematical statements for multiplication and division, including multiplying two-digit numbers with one-digit numbers.
6	Revision	