Entry Level 1 Maths

Number: Counting and Number Sense

- Count forwards and backwards (at least to 20; extend to 50 where possible)
- Read and write numbers to 20 (extend to 50)
- Order numbers and use a number line
- Recognise and use 0
- Understand: more/less, bigger/smaller, most/least, same/different

Number: Adding, Subtracting and Patterns

- Add and subtract within 20 using practical methods (counting on/back, objects)
- Recognise simple doubles and halves (as practical ideas)
- Recognise and continue simple number patterns (e.g., 2, 4, 63)

Measures: Comparing and Measuring

- Recognise and use everyday units: cm, m (informal first), g, kg, ml, l (as vocabulary)
- Compare length/weight/capacity using language: longer/shorter, heavier/lighter, full/empty
- Measure length using a ruler to the nearest cm (simple scales)

Measures: Money, Time, Calendar and Temperature

- Recognise coins and notes; count small amounts of money
- Tell the time to oclock and half past (analogue and digital)
- Use days of the week, months, and simple calendar facts
- Recognise basic temperature language (hot/cold) and read simple thermometer scales (whole numbers)

Shape and Space: Shapes and Position

- Name common 2D shapes: circle, triangle, square, rectangle
- Name common 3D shapes: cube, cuboid, sphere, cylinder
- Describe shapes using simple properties (corners/vertices, sides, faces)
- Use positional language: left/right, above/below, next to, between
- Recognise simple symmetry (folding/one line)

Handling Data: Sorting and Simple Charts

- Sort objects into groups (by colour/size/type)
- Use simple tally marks (supported)
- Read simple pictograms and bar charts (most/least)

Problem Solving (Throughout)

- Understand key words: add, take away, altogether, how many left, share
- Choose a method with support (objects, number line, fingers)
- Check answers by counting again

Entry Level 2 Maths

Number: Counting, Place Value and Comparing

- Count forwards/backwards in 1s, 2s, 5s, 10s (extend to 100)
- Read, write and order numbers to 100 (extend to 1,000)
- Understand place value in 2- and 3-digit numbers (hundreds/tens/ones)
- Use < and > to compare numbers

Number: Adding, Subtracting, Multiplying and Dividing

- Add and subtract 2-digit numbers (mental and written methods)
- Know and use times tables facts for 2, 5, 10 (extend to 3, 4)
- Multiply and divide using equal groups and sharing (linked to tables)

Number: Fractions, Decimals and Patterns

- Recognise simple fractions: 1/2, 1/3, 1/4 (of shapes and amounts)
- Recognise simple decimals in money (e.g., 2.50)
- Recognise and continue number sequences and patterns

Measures: Length, Scales and Perimeter

- Measure length using cm and m; choose the right tool (ruler/tape)
- Read scales in steps of 1, 2, 5, 10 (simple intervals)
- Find perimeter by adding side lengths (rectangles and simple shapes)

Measures: Money, Time, Calendar and Temperature

- Use money: add totals, work out change (up to 10/20)
- Tell time to quarter past/to and 5-minute intervals; read simple timetables
- Use calendars to work out dates and simple durations (days/weeks)
- Measure mass (g/kg) and capacity (ml/l); simple conversions (1l = 1000ml)
- Read temperature including negatives (simple contexts)

Shape and Space: Properties, Angles and Symmetry

- Identify and describe 2D and 3D shapes using properties
- Recognise right angles; identify turns (quarter/half turns)
- Draw simple shapes using a ruler; use squared paper
- Identify lines of symmetry in common shapes

Handling Data: Collecting and Reading Data

- Collect data using tally and frequency tables
- Draw and read bar charts (choose a sensible scale with support)
- Interpret charts: totals, differences, most/least

Problem Solving (Throughout)

- Identify the operation needed from a word problem
- Solve one- and simple two-step problems (supported)
- Show working clearly (number line, column, arrays)
- Check answers using inverse or estimation (simple)

Entry Level 3 Maths

Number: Place Value and Whole Number Skills

- Read, write, order and compare numbers to at least 1,000 (extend to 10,000)
- Secure place value (including zeros as placeholders)
- Round to nearest 10 and 100; estimate to check reasonableness

Number: The Four Operations (With Strategies)

- Add and subtract 3-digit numbers using written methods (including exchange)
- Multiply 2-digit by 1-digit; use efficient strategies (partitioning/grid)
- Divide with remainders and interpret remainders in context
- Use times tables facts (2310 as appropriate) and related division facts

Number: Fractions, Decimals and Percentages (Links)

- Understand and use fractions: equivalent fractions (simple), fractions of amounts
- Link fractions, decimals and percentages (simple links: 1/2, 1/4, 1/10)
- Work with decimals in money; add/subtract money amounts accurately

Measures: Units, Conversions and Scales

- Choose and use units accurately: mm/cm/m and g/kg and ml/l
- Convert between units (simple): 1m = 100cm, 1kg = 1000g, 1l = 1000ml
- Read and interpret scales with mixed intervals

Measures: Perimeter, Area, Time, Money and Temperature

- Calculate perimeter of compound shapes (where lengths are given)
- Calculate area:
    - Count squares on grids
    - Use area of rectangle formula (length width)
    - Split simple compound shapes into rectangles

- Use time confidently: 24-hour time, durations, timetables
- Use money for budgeting and best buys; compare deals
- Read temperature and calculate change/difference

Shape and Space: Angles, Symmetry and Transformations

- Use properties of shapes to classify and compare
- Measure and draw angles with a protractor (acute/obtuse/right)
- Use symmetry and simple transformations (slides/turns) in context

Handling Data: Charts and Averages

- Interpret bar charts and simple line graphs
- Calculate and use averages (mean) for small data sets
- Solve problems using data: totals, differences, comparisons

Problem Solving (Throughout)

- Solve multi-step word problems (number, measures, money, data)
- Choose methods independently and explain steps
- Check answers using estimation/inverse and comment on reasonableness
- Use correct units and clear working-out

Exam Entry (Separate Cost)

- **Exam entry is a separate cost of 30**