

# Key Stage 2 SATs Maths Checklist



## Algebra

### I can...

- Understand formulae expressed in words
- Generate & describe linear number sequences
- Solve missing number problems expressed in algebra
- Solve number sentences involving two unknowns
- Enumerate all possibilities of combination of two variables

## Measurement

### I can...

- Compare, describe and order measures
- Estimate, measure and read scales
- Count money
- Convert between metric units
- Convert metric / imperial units
- Calculate perimeter, area and volume
- Tell the time, order time, and work out durations and units of time
- Solve problems (a, money; b, length; c, mass / weight; d, capacity / volume)

## Geometry

### I can...

- Recognise and name common shapes
- Describe properties and classify shapes
- Measure angles
- Measure circles
- Solve patterns
- Describe position, direction and movement
- Solve co-ordinates
- Draw and make shapes and relate 2D to 3D shapes (including nets)

## Statistics

### I can...

- Interpret and represent data
- Solve problems involving data
- Work out the mean average

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## Calculations

### I can...

- Add/subtract mentally
- Add/subtract using written methods
- Estimate, use inverses and check
- Add/subtract to solve problems
- Multiply/divide mentally
- Multiply/divide using written methods
- Understand the order of operations
- Understand properties of number (multiples, factors, primes, squares and cubes)
- Solve problems (commutative, associative, distributive, and all four operations)

## Fractions, decimals & percentages

### I can...

- Recognise, find, write, name, count fractions
- Understand equivalent fractions
- Compare and order fractions
- Add, subtract, multiply and divide fractions
- Solve problems with fractions and decimals
- Round, compare and order decimals
- Multiply and divide decimals
- Solve problems with percentages
- Understand the equivalence of fractions, decimals and percentages

## Number & place Value

### I can...

- Count in multiples
- Read, write, order and compare numbers
- Place value and understand roman numerals
- Understand negative numbers
- Solve number problems
- Identify, represent, estimate and round numbers

## Ratio & proportion

### I can...

- Understand relative sizes and similarity
- Use percentages for comparison
- Scale factors
- Understand unequal sharing and grouping