

# Mathematics – KS2 Curriculum Map



Central Region  
Schools Trust

*Founded by the RSA*

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| <b>Autumn 1 – Algebraic Thinking</b><br>Sequences<br>Algebraic notation and substitution<br>Expressions and equations                      | <b>Autumn 2 – Number and Statistics</b><br>Place value, ordering and rounding<br>Four operations<br>Averages and range<br>Rounding and estimation |
| <b>Spring 1 – Statistics and Number</b><br>Graphing data<br>Fractions, Decimals, Percentages<br>Directed number - Operations and equations | <b>Spring 2 – Fractional Thinking and Geometry</b><br>Fractions and percentages of amounts<br>perimeter and area                                  |
| <b>Summer 1 – Directed Number</b><br>Speed, distance and time<br>Properties of number  | <b>Summer 2 – Number and Geometry</b><br>Add and subtract fractions<br>Angles and polygons  |

**Year  
7**

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| <b>Autumn 1 – Place Value and the Four Operations</b><br>Place Value<br>Addition and Subtraction inc. Perimeter and Place Value<br>Multiplication and Division inc. Area and Volume | <b>Autumn 2 – Fractions and Decimals</b><br>Inc. Adding and subtracting fractions<br>Measurement inc. converting units  |
| <b>Spring 1 – Ratio and Algebra</b><br>Ratio inc. Introduction and scale factors<br>Algebra inc. Substitution   | <b>Spring 2 – Fractions Decimals Percentages, Measurement and Statistics</b><br>Statistics inc. Pie charts and mean   |
| <b>Summer 1 – Shape, Revision and Problem Solving</b><br>Properties of Shape inc. angles, position and direction<br>Revision pre-SATs   | <b>Summer 2 – Y7 Transition/Problem Solving</b><br>Real life maths<br>More complex algebra inc. balancing equations, pie charts, rules of angle, ratio, addition and subtraction of negatives |

**Year  
6**

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| <b>Autumn 1 – Place Value, Addition and Subtraction</b><br>Place Value<br>Addition and Subtraction inc. Perimeter   | <b>Autumn 2 – Multiplication, Division and Fractions</b><br>Multiplication and Division inc. Multiples, factors, prime/square and cube numbers<br>Fractions inc. equivalence, ordering, adding and subtracting |
| <b>Spring 1 - Multiplication, Division and Fractional Thinking</b><br>Multiplying and dividing inc. Multiplying 4 digits by 2 digits<br>Fractions inc. multiplying and fractions of an amount | <b>Spring 2 – Fractions, Decimals, Percentages, Statistics</b><br>Fractions, decimals and percentages inc. Equivalence and rounding<br>Statistics inc. Line graphs and two-way tables                          |
| <b>Summer 1 – Shape and Decimals</b><br>Shape inc. Angles<br>Position and direction inc. Coordinates, translation and symmetry<br>Decimals inc. Adding and subtracting                        | <b>Summer 2 – Negative Number, Conversions, Volume</b><br>Including revision depending on gaps in learning   |

**Year  
5**

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| <b>Autumn 1 – Place Value, Addition and Subtraction</b><br>Place Value<br>Addition and Subtraction inc. adding and subtracting two 4-digit numbers with exchanges                | <b>Autumn 2 – Multiplication and Division</b><br>Area<br>Multiplication and Division inc. Times tables up to 12  |
| <b>Spring 1 – Multiplication, Division, Measurement</b><br>Multiplying and dividing inc. Multiplying and dividing a 3-digit by a 1-digit<br>Length and perimeter                 | <b>Spring 2 – Fractions and Decimals</b><br>Fractions inc. converting, equivalence, adding and subtracting<br>Decimals including tenths, hundredths and dividing by 10 and 100 |
| <b>Summer 1 – Decimals, Money, Time</b><br>Decimals inc. Partitioning, comparing, ordering and rounding<br>Money inc. Converting, comparing, estimating and calculating,<br>Time | <b>Summer 2 – Revision</b><br>Shape<br>Statistics<br>Position and direction  |

**Year  
4**