

Year 7 Spring 1

Emerging (Support)

Expected (Core)

Exceeding (Extension)

Algebraic manipulations

<ul style="list-style-type: none"> Algebraic expressions from statement Terms and expressions Collecting like terms Multiplying algebra Expanding brackets Algebraic expressions and area, perimeter, and volume Algebra and problem-solving 	<ul style="list-style-type: none"> Algebraic expressions from statement Terms and expressions Collecting like terms Multiplying algebra Expanding brackets Algebraic expressions and area, perimeter, and volume Algebra and problem-solving 	<ul style="list-style-type: none"> Algebraic expressions from statement Terms and expressions Collecting like terms Multiplying algebra Expanding brackets Algebraic expressions and area, perimeter, and volume Algebra and problem-solving
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Area and Perimeter

<ul style="list-style-type: none"> Area and perimeter by counting squares Estimating area and perimeter of irregular shapes by counting squares Properties of quadrilateral and triangles Area and perimeter of triangles Area of parallelogram Area of compound shapes Area, perimeter and problem solving 	<ul style="list-style-type: none"> Properties of quadrilateral and triangles Area and perimeter of triangles Area of parallelogram Area of trapezium Area of compound shapes Area of circles Area, perimeter and problem solving 	<ul style="list-style-type: none"> Properties of quadrilateral and triangles Area of parallelogram Area of trapezium Area of compound shapes Area of circles Area of circular objects Area, perimeter and problem solving
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Probability (S2)

<ul style="list-style-type: none"> Language of probability Probability scale 	<ul style="list-style-type: none"> Equally likely events Theoretical probability 	<ul style="list-style-type: none"> Probability of event happening
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<ul style="list-style-type: none"> Equally likely events Theoretical probability Probability of event happening Probability of event not happening Sample Space diagram Probability and problem-solving 	<ul style="list-style-type: none"> Probability of event happening Probability of event not happening Experimental probability Sample space diagram Probability and problem solving 	<ul style="list-style-type: none"> Probability of event not happening Experimental probability Expectation Sample space diagram Probability and problem solving
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Assessment 3 (Last Week of the Half-term)

Year 7 Spring 2		
Emerging (Support)	Expected (Core)	Exceeding (Extension)
Decimals		
<ul style="list-style-type: none"> Ordering decimals Decimals and scale reading Adding and subtracting decimals Multiplying and dividing decimals Decimals and a number line Rounding to nearest 10, 100 and 1000 Rounding to a given number of decimal places Estimating sums Decimals and problem-solving 	<ul style="list-style-type: none"> Adding and subtracting decimals Multiplying and dividing decimals Decimals and a number line Rounding to nearest 10, 100 and 1000 Rounding to a given number of decimal places Estimating sums Efficient use of a calculator Decimals and problem-solving 	<ul style="list-style-type: none"> Multiplying and dividing decimals Rounding to nearest 10, 100 and 1000 Rounding to a given number of decimal places Estimating sums Efficient use of a calculator Decimals and problem-solving
Equations and Inequalities		

<ul style="list-style-type: none"> • Inequality symbols • Missing number from a sum • Equations with one step • Equations involving multiplying and dividing • Solving equations with multiple steps • Form and solve equations from shapes • Equations and problem solving 	<ul style="list-style-type: none"> • Equations with one step • Equations involving multiplying and dividing • Solving equations with multiple steps • Linear equations with unknown on both sides • Linear equations involving brackets and fractions • Form and solve equations from shapes • Forming and solving equations • Equations and problem solving 	<ul style="list-style-type: none"> • Equations involving multiplying and dividing • Solving equations with multiple steps • Linear equations with unknown on both sides • Linear equations involving brackets and fractions • Form and solve equations from shapes • Forming and solving equations • Equations and problem solving
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Construction and Loci

<ul style="list-style-type: none"> • Draw lines to scale • Draw angles to scale • Draw triangles and quadrilaterals to scale • Make patterns using compasses, rulers and protractors • Construct perpendicular bisector of a line segment • Constructing shapes • Constructions and problem solving 	<ul style="list-style-type: none"> • Draw triangles and quadrilaterals to scale • Make patterns using compasses, rulers and protractors • Construct perpendicular bisector of a line segment • Constructing shapes • Use ICT to explore construction and loci • Design patterns using construction • Constructions and problem solving 	<ul style="list-style-type: none"> • Make patterns using compasses, rulers and protractors • Construct perpendicular bisector of a line segment • Construct perpendicular line from a point • Constructing shapes • Use ICT to explore construction and loci • Design patterns using construction • Constructions and problem solving
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Assessment 4 (Last two weeks before Christmas Holiday)