

Beckmead Family of Schools Curriculum Information

GCSE Maths

	Autumn	Spring	Summer
Year 10 (Examination Summer 2018)	Integers and place value Decimals Indices, powers and roots Factors, multiples and primes Algebra: simplifying expressions, Expanding and factorising single brackets Expressions and substituting into formulae Using expressions and Formulae Problem solving	Tables Charts and graphs Pie charts Scatter graphs Line of best fit Fractions Fractions, decimals and percentages Percentages	Equations Equations with brackets Inequalities Using formulae Sequences Problem solving Properties of 2D shapes Parallel lines and Angle facts Interior and exterior angles of polygons
	Assessment: Unit 1 Test (Number – total marks 42) Unit 2 Test (Algebra – total marks 39) Summative test with feedback provided in students' books	Assessment: Unit 3 test (graphs, tables and charts – total marks 40) Unit 4 test (Fractions and percentages – total marks 38) Summative test with feedback provided in students' books	Assessment: Unit 5 test (Equations, inequalities and sequences – total marks 38) Summative test with feedback provided in students' books

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	Autumn	Spring	Summer
Year 11 (Examination Summer 2017)	<p>Transformations: reflection, translation, rotation, enlargement</p> <p>Ratio</p> <p>Proportion</p> <p>Right - angled triangles: Pythagoras theorem</p> <p>Probability</p>	<p>Multiplicative reasoning</p> <p>Plans and elevation</p> <p>Constructions, Loci and bearings</p> <p>Quadratic equations (expanding and factorising)</p> <p>Quadratic equations - graphs</p>	<p>Circles, cylinders, cones and spheres</p> <p>Fractions and reciprocals</p> <p>Indices and standard form</p> <p>Similarity and congruence in 2D shapes</p> <p>Vectors</p> <p>Exam preparation</p>
	<p>Assessment:</p> <p>Unit 10 test (Transformations – total points 23)</p> <p>Unit 11 test (Ratio and proportion – total marks 34)</p> <p>Unit 12 test (Right – angled triangles – total marks 32)</p> <p>Unit 13 test (Probability – total marks 53)</p> <p>Summative test with feedback in students’ books</p> <p>Mock exam</p>	<p>Assessment:</p> <p>Unit 14 test (Multiplicative reasoning – total marks 24)</p> <p>Unit 15 test (Construction, loci, bearing and planes and elevation – total marks 23)</p> <p>Unit test 16 (Quadratic equations and graphs – total marks 39)</p> <p>Summative test with feedback in students’ books</p>	<p>Assessment:</p> <p>Unit 17 test (Circles, cylinders, cones and spheres – total marks 32)</p> <p>Unit 18 test (Fractions, indices and standard form – total marks 50)</p> <p>Unit 19 test (Congruence, similarity and vectors – total marks 36)</p> <p>Summative test with feedback in students’ books</p>

For further information, please contact your child's teacher or Head of School

