GCSE SUBJECTS ASSESSMENT INFORMATION

Subject	Mathematics	
Exam Board	AQA Specification (8300) GCSE Mathematics (9-1)	
Course Specification	Higher/Middle Sets	Specification 8300 GCSE Mathematics "9 to 1" Higher Tier
	Lower Middle Sets	Specification 8300 GCSE Mathematics "9 to 1" Higher/Foundation Tier as appropriate
	Lower Sets	Specification 8300 GCSE Mathematics "9 to 1" Foundation Tier

Curriculum		**Topics Covered**
Year 10	Term 1	Number - four rules, estimation and rounding, priority of operations, indices, factors/multiples/primes, standard form, fraction arithmetic, calculations with bounds, surds, recurring decimals, percentages
	Term 2	Algebra - formulas/equations/expressions/identities, simplifying expressions, single brackets, double brackets, triple brackets, factorising, laws of indices, sequences, substitution, linear equations, straight line graphs
	Term 3	Shape and Probability - perimeter and area of 2D shapes, volume and 3D shapes, circles, angles and bearings, scale drawings, compound measures, probability
	Term 4	Data Handling - collecting, interpreting and presenting data, scatter graphs
	Term 5	Functions, Iterative methods, Repeated percentage change, ratio and proportion, Quadratic Equations, changing subject of formula
	Term 6	Review, Exam, Pythagoras, Right angled triangle Trigonometry, Transformations
Year 11	Term 1	Sine and Cosine rule, sketching and drawing graphs, Circle theorems, equation of circle, algebraic fractions, vectors, congruence/similarity, simultaneous equations
	Term 2	Revision and trial exams, numerical methods, 2D representations of 3D objects, real life graphs, direct and inverse proportion, pre-calculus and area under a graph
	Term 3	Inequalities, transforming graphs, gradients and rates of change, loci and construction, second trial exam
	Term 4	Revision, practice papers
	Term 5/6	GCSE Examination preparation and Exams

Teaching Group(s)	**Exams**	**Dates**	**Details (eg weightings etc)**
All	Term 1 Assessment	October Year 10	Internal assessments
	Term 2 Assessment	December Year 10	
	Term 3/4 Assessment	March Year 10	
	Summer Exam	June Year 10	Internal exam (calculator paper)
All	Trial Exam	November Year 11	Internal exam (non-calculator)
	2nd Mock Exam*	February/March Year 11	Internal exam (calculator paper)

	GCSE Paper 1	**May/June Year 11**	**Non calculator paper (33^{1}/3%)**
	GCSE Paper 2	**May/June Year 11**	**Calculator paper (33^{1}/3%)**
	GCSE Paper 3	**May/June Year 11**	**Calculator paper (33^{1}/3%)**
Note The February/March exam will determine the tier of entry for pupils who are borderline Higher/Foundation.*			
Teaching Group(s)	**Controlled Assessments**	**Dates**	**Details (eg weightings etc)**
All	N/A	N/A	N/A
Recommended Textbook(s)	HIGHER TIER	AQA GCSE Maths (Oxford University Press) (ISBN 978-0-1983-5166-5) Electronic copy available via Kerboodle website	
	FOUNDATION TIER	AQA GCSE Maths (Oxford University Press) (ISBN 978-0-1983-5165-8) Electronic copy available via Kerboodle website	
Recommended Revision Guide	HIGHER TIER	CGP: New GCSE Maths AQA Revision Guide: for the Grade 9-1 Course (Higher)	
	FOUNDATION TIER	CGP: New GCSE Maths AQA Revision Guide: for the Grade 9-1 Course (Foundation)	
Recommended Revision Website(s)	All sets	• **www.mymaths.co.uk** (pupils given login details at start of Year 10 and Year 11) • **www.corbettmaths.com** • **www.mrcartermaths.com/** • **www.kerboodle.com/users/login** (pupils given login details at start of year 10) • **http://beechencliffmaths.weebly.com/** **Beechen Cliff Maths Faculty Website** and other links from this website)	