

Subject Overview

Year 9						
	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Topic	Reasoning with Algebra	Constructing in 2 and 3 Dimensions	Reasoning with Number	Reasoning with Geometry	Reasoning with Proportion	Representations & Revision
Key Concept	Algebra	Geometry	Developing number	Geometry	Proportional Reasoning	Data Handling
Learning Objectives	Straight line graphs Forming & solving equations Testing conjectures	3-D Shapes Constructions & Congruency	Number Using Percentages Maths & Money	Deduction Rotation & Translation Pythagoras' theorem	Enlargement & similarity Solving ratio & proportion problems Rates	Probability Algebraic representation Revision
Scaffolding SEND	Glossaries, Model answers, Challenge tasks, recall quizzes	Glossaries, Model answers, Challenge tasks, knowledge organiser tests	Glossaries, Model answers, Challenge tasks, recall quizzes	Glossaries, Model answers, Challenge tasks, knowledge organiser tests	Glossaries, Model answers, Challenge tasks, recall quizzes	Glossaries, Model answers, Challenge tasks, knowledge organiser tests
Key Vocabulary	Gradient, y-Intercept, expressions, coefficients	Sphere, Prism Conditions of congruency	Best buys, equivalent	Clockwise, anti-clockwise Hypotenuse	Scale factor Direct proportion Indirect proportion	Certain, Impossible Outcomes Identities, expressions, equations
Formative Assessment	End of block test – peer/self marked & teacher feedback given	End of block test – peer/self marked & teacher feedback given	End of block test – peer/self marked & teacher feedback given	End of block test – peer/self marked & teacher feedback given	End of block test – peer/self marked & teacher feedback given	End of block test – peer/self marked & teacher feedback given
Summative Assessment	End of Term test – teacher assessed	End of Term test – teacher assessed	End of Term test – teacher assessed	End of Term test – teacher assessed	End of Term test – teacher assessed	End of Term test – teacher assessed
Careers	Engineering	Game designer	Retail	Interior Designer	Primary Teacher	Statistician

Links (prior knowledge, future knowledge)	To Build On: Prior knowledge from KS2 scheme of work To prepare for: GCSE Content	To Build On: Prior knowledge from KS2 scheme of work To prepare for: GCSE Content	To Build On: Prior knowledge from KS2 scheme of work To prepare for: GCSE Content	To Build On: Prior knowledge from KS2 scheme of work To prepare for: GCSE Content	To Build On: Prior knowledge from KS2 scheme of work To prepare for: GCSE Content	To Build On: Prior knowledge from KS2 scheme of work To prepare for: GCSE Content