## Subject Overview

Year 8									
	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6			
Topic	Proportional	Representations	Algebraic	Developing	Developing	Reasoning with			
	reasoning		Techniques	Number	Geometry	Data			
Key Concept	Proportional	Graphs	Developing Algebra	Numerical	Geometrical	Handling Data			
	Reasoning			Reasoning	Reasoning				
Learning	Ratio & scale	Woking in the	Brackets, equations	Fraction &	Angles in parallel	The data handling			
Objectives	Multiplicative	Cartesian plane	& inequalities	percentages	lines & polygons	cycle			
	change	Collecting &	Sequences	Standard index	Area of Trapezia	Measures of			
	Multiplying &	representing data	Indices	form	Line symmetry &	location			
	dividing fractions	Tables		Number sense	reflection				
Scaffolding	Glossaries, Model								
SEND	answers, Challenge								
	tasks, recall quizzes	tasks, knowledge	tasks, knowledge	tasks, recall quizzes	tasks, knowledge	tasks, recall quizzes			
		organiser tests	organiser tests		organiser tests				
Key Vocabulary	Equivalent	Coordinates	Coefficient	Numerator	Corresponding	Questionnaires			
	numerator	Axis	Nth terms	Denominator	Vertically opposite	Sampling			
	denominator	Frequency	Negative indices	Standard form	Mirror lines	Mean, mode,			
	Multiples, factors	Cumulative				median			
		frequency				Range			
Formative	End of block test								
Assessment	– peer/self	<pre>- peer/self</pre>							
	marked & teacher								
	feedback given								
Summative	End of Term test								
Assessment	<ul> <li>teacher assessed</li> </ul>								
Careers	Cartographer	Marketing	Engineer	Scientist	Clothes Designer	Statistician			
Links (prior	To Build On:								
knowledge, future knowledge)	Prior knowledge								

	from KS2 scheme					
	of work					
	To prepare for:					
	GCSE Content					