Curriculum Plans – Year 8 - Mathematics

Please find below a detailed outline of the curriculum covered in Mathematics through Year 8 in Key stage 3.

BLOCK	1	2	3	4	5	6	7
Dates	August - September (5 weeks)	October (4 weeks)	November - December (6 weeks)	January - February (5 weeks)	February - March (6 weeks)	April (4 weeks)	May - June (7 weeks)
Topics	Integers, powers and roots Expressions Shapes and geometric reasoning	Fractions Decimals	Processing, interpreting and discussing data Length, mass and capacity Equations Shapes and geometric reasoning 2 Maths and Art project	Presenting, interpreting and discussing data Area, perimeter and volume Formulae	Position and movement Sequences Probability Functions and Graphs	Fractions, decimals and percentages Planning and collecting data Ratio and proportion	Time and rates of change Sets Matrices Students as teachers project
Assessments	End of block quiz on Chapters 1 - 2	End of block quiz on Chapters 1 - 4	End of Term assessment on Chapters 1 - 8	End of block quiz on Chapters 1 - 11	End of Term assessment on Chapters 1 - 14	End of block quiz on Chapters 1 - 17	End of Term assessment on Chapters 1 - 20
Each block the academic themes are incorporated into a problem-solving lesson.							
Academic Theme	Planning for Tomorrow	The World around us	Better Together	The Working World	Opportunities for Everyone	Keep it Green, Keep it Clean	Healthy Body, Healthy Mind