

SPRS – Academic Year 2021- 2022

KS3- Maths Long Term Plan

Aim – Gain the mathematical knowledge and skills to work towards GCSE.

Term 1		Term 2		Term 3	
Learning Cycle 1 7 th Sept 2021 – 22 nd Oct 2021 7 Weeks	Learning Cycle 2 1 st Nov 2021 – 17 th Dec 2021 7 Weeks	Learning Cycle 3 5 th Jan 2022 – 18 th Feb 2022 7 Weeks	Learning Cycle 4 28 th Feb 2022 – 8 th Apr 2022 6 Weeks	Learning Cycle 5 25 th Apr 2022 – 27 th May 2022 5 Weeks	Learning Cycle 6 6 th June 2022-25 th July 2022 7 Weeks
KS3 Mathematics	KS3 Mathematics	KS3 Mathematics	KS3 Mathematics	KS3 Mathematics	KS3 Mathematics
<u>BASELINE ASSESSMENT</u> <u>End of topic</u> <u>ASSESSMENTS</u>	<u>End of topic</u> <u>ASSESSMENTS</u> <u>End of term ASSESSMENT</u>	<u>End of topic</u> <u>ASSESSMENTS</u>	<u>End of topic</u> <u>ASSESSMENTS</u> <u>End of term ASSESSMENT</u>	<u>End of topic</u> <u>ASSESSMENTS</u>	<u>End of topic</u> <u>ASSESSMENTS</u> <u>End of year ASSESSMENT</u>
Intent:- Working with Numbers and the Number system Properties of angles and shapes Expressions and Equations Data Presentation Implementation:- Discussion and activities Impact:- Pupils will develop the mathematical skills and knowledge required at KS3 Mathematics	Intent:- Fractions, Decimals and Percentages Measures and construction Sequences, functions and graphs Data interpretation Implementation:- Discussion and activities Impact:- Pupils will develop the mathematical skills and knowledge required at KS3 Mathematics	Intent:- Working with numbers and the number system Mensuration Algebra 3 Probability Implementation:- Discussion and activities Impact:- Pupils will develop the mathematical skills and knowledge required at KS3 Mathematics	Intent:- Fractions, decimals and Percentages Sequences, functions and Graphs Geometry and Measures 4 Data presentation and analysis Implementation:- Discussion and activities Impact:- Pupils will develop the mathematical skills and knowledge required at KS3 Mathematics	Intent:- Ratio and proportion Properties of angles and shapes Expressions and equations Data cycle 1 Implementation:- Discussion and activities Impact:- Pupils will develop the mathematical skills and knowledge required at KS3 Mathematics	Intent:- Working with numbers and the number system Measures and constructions Sequences, functions and graphs Probability Fraction, decimals and percentages Implementation:- Discussion and activities Impact:- Pupils will develop the mathematical skills and knowledge

					required at KS3 Mathematics
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