

Term	Topic(s)	Assessed work	Additional details
1 a 7 weeks 28_lessons	<p>Probability combined events:</p> <ul style="list-style-type: none"> work out the probabilities when two or more events occur at the same time. read two-way tables and use them to work out probabilities. use Venn diagrams to solve probability questions. understand frequency tree diagrams and probability tree diagrams <p>Number: Powers and standard form</p> <ul style="list-style-type: none"> write a number as a power of another number multiply and divide by powers of 10. write a number in standard form <p>Algebra: Simultaneous equations and linear inequalities</p> <ul style="list-style-type: none"> solve simultaneous linear equations in two variables using the elimination and substitution method. solve problems using simultaneous linear equations. solve simultaneous linear equations by balancing coefficients. solve a simple linear inequality and represent it on a number line 	White Rose (Flashback and End of block assessment) Diagnostic Quizzes Classwork Homework	Recap: <ul style="list-style-type: none"> Compound measures (speed, density and pressure) Increasing and decreasing quantities by a percentage Averages and range Fractions and decimals Angles (Parallel lines and Polygons) Indices including negative Prime factors, LCM and HCF
1b 7 weeks 28_lessons	Revision and Mocks Recap on Mock papers and reflect Algebra: Non-linear graphs <ul style="list-style-type: none"> interpret distance-time graphs draw a graph of the depth of liquid as a container is filled. read information from a velocity-time graph read information from a velocity-time graph identify the significant points of a quadratic function graphically solve a quadratic equation by factorisation. recognise and plot cubic and reciprocal graphs. 	31/10/22 –mock exams begin	You can use the following resources for Mock revision: GCSEPOD https://justmaths.co.uk/2015/12/21/9-1-exam-questions-by-topic-higher-tier/ https://www.onmaths.com/ https://www.mathsgenie.co.uk/ https://www.bbc.co.uk/bitesize/subjects/z38pycw https://corbettmaths.com/ free Pearson online lessons: https://www.pearson.com/uk/educators/schools/subject-area/mathematics/unrivalled-support/support-from-pearson/free-online-gcse-maths-lessons.html Sparx White Rose
2a 6 weeks 24_lessons	Recap: <ul style="list-style-type: none"> Surface area & volume Transformations (translation, reflection, rotation, enlargement) Basic trigonometry Compound interest and reverse percentage Factorising linear and quadratics Constructions and Loci 		
2b 6 weeks 24_lessons	Revision and Mocks Recap on Mock papers and reflect Recap: <ul style="list-style-type: none"> Similar and congruent Shapes Probability Indices Solving equations and inequalities 		You can use the following resources for Mock revision: GCSEPOD https://justmaths.co.uk/2015/12/21/9-1-exam-questions-by-topic-higher-tier/ https://www.onmaths.com/ https://www.mathsgenie.co.uk/ https://www.bbc.co.uk/bitesize/subjects/z38pycw https://corbettmaths.com/ free Pearson online lessons: https://www.pearson.com/uk/educators/schools/subject-area/mathematics/unrivalled-support/support-from-pearson/free-online-gcse-maths-lessons.html Sparx White Rose
3a 6 weeks 24_lessons	Recap: <ul style="list-style-type: none"> Stratified sample, Frequency Polygon and stem and leaf diagram Ratio Multiplication and division Direct proportion and best buy Circles (area and circumference-including in terms of π) Quadratic and cubic graphs 		Weekly Practice sets/previous exam papers