

Unit of work	Wider engagement opportunities for Y12			
	Reading/Doing	Watching	Listening	Trips
Autumn 1	Pearson textbooks on teams Year 1 Pure: <ol style="list-style-type: none"> 1. Algebraic expressions 2. Quadratics 3. Equations and inequalities 4. Graphs and transformations Year 1 Statistics: <ol style="list-style-type: none"> 1. Data collection 2. Measures of spread 3. Representations of data 	TLMaths: Pure: https://www.tlmaths.com/home/a-level-maths/as-only#h.w365tck89tx1 Statistics: https://www.tlmaths.com/home/a-level-maths/as-only#h.l7pe4apdqjec		
Autumn 2	Year 1 Pure: <ol style="list-style-type: none"> 1. Straight line graphs 2. Circles 3. Trigonometry Year 1 Statistics: <ol style="list-style-type: none"> 1. Correlation 	TLMaths Pure: https://www.tlmaths.com/home/a-level-maths/as-only#h.w365tck89tx1 Statistics: https://www.tlmaths.com/home/a-level-maths/as-only#h.l7pe4apdqjec		
Spring 1	Year 1 Mechanics: <ol style="list-style-type: none"> 1. Modelling in mechanics 2. Constant acceleration Year 1 Pure: <ol style="list-style-type: none"> 1. Binomial expansion 2. Algebraic methods 	TLMaths Pure: https://www.tlmaths.com/home/a-level-maths/as-only#h.w365tck89tx1 Mechanics: https://www.tlmaths.com/home/a-level-maths/as-only#h.wl92ltxgfpo7		

Spring 2	<p>Year 1 Statistics:</p> <ol style="list-style-type: none"> 1. Probability 2. Statistical distributions <p>Year 1 Pure:</p> <ol style="list-style-type: none"> 1. Trigonometry 2 2. Differentiation 	<p>TLMaths</p> <p>Pure: https://www.tlmaths.com/home/a-level-maths/as-only#h.w365tck89tx1</p> <p>Statistics: https://www.tlmaths.com/home/a-level-maths/as-only#h.l7pe4apdqjec</p>		
Summer 1	<p>Year 1 Statistics:</p> <ol style="list-style-type: none"> 1. Hypothesis testing <p>Year 1 Pure:</p> <ol style="list-style-type: none"> 1. Integration 2. Vectors 	<p>Pure: https://www.tlmaths.com/home/a-level-maths/as-only#h.w365tck89tx1</p> <p>Statistics: https://www.tlmaths.com/home/a-level-maths/as-only#h.l7pe4apdqjec</p>		
Summer 2	<p>Year 1 Mechanics:</p> <ol style="list-style-type: none"> 1. Connected particles 2. Variable acceleration 3. Conditional probability – Year 2 Applied <p>Year 1 Pure:</p> <ol style="list-style-type: none"> 1. Logs and exponentials 2. Algebraic Methods – Year 2 Pure 	<p>TLMaths</p> <p>Pure: https://www.tlmaths.com/home/a-level-maths/as-only#h.w365tck89tx1</p> <p>Mechanics: https://www.tlmaths.com/home/a-level-maths/as-only#h.wl92ltxgfpo7</p>		

Unit of work	Wider engagement opportunities for Y13			
	Reading	Watching	Listening	Trips
Autumn 1	Year 2 Pure: <ol style="list-style-type: none"> 1. Functions and modelling 2. Sequences and series 3. Binomial expansion 4. Radians Year 2 Statistics: <ol style="list-style-type: none"> 1. Regression, correlation and hypothesis testing 	TLMaths Year 2 Pure: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.9il1io8cc5z0 Year 2 Statistics: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.fyv298ig5w		
Autumn 2	Year 2 Pure: <ol style="list-style-type: none"> 1. Trigonometric functions 2. Trigonometry and modelling Year 2 Mechanics: <ol style="list-style-type: none"> 3. Moments 4. Forces and friction Year 2 Statistics: <ol style="list-style-type: none"> 5. Normal distribution 	TLMaths Year 2 Pure: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.9il1io8cc5z0 Year 2 Mechanics: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.uh2tbcji366z Year 2 Statistics: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.fyv298ig5w		
Spring 1	Year 2 Pure: <ol style="list-style-type: none"> 1. Differentiation 2. Integration 3. Parametric equations Year 2 Mechanics:	TLMaths Year 2 Pure: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.9il1io8cc5z0 Year 2 Mechanics:		

	1. Projectiles	https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.uh2tbcji366z		
Spring 2	Year 2 Pure: 1. Numerical methods 2. Vectors Year 2 Mechanics: 1. Applications of forces 2. Further kinematics	TLMaths Year 2 Pure: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.9il1io8cc5z0 Year 2 Mechanics: https://www.tlmaths.com/home/a-level-maths/2nd-year-only#h.uh2tbcji366z		
Summer 1	Exam Practice	MathsGenie		

Possible resources for the Sixth Form Study Centre in order of priority