

Subject: Maths - Higher

Year Group: Yr 10

Week beginning	Subject Topic	Key Learning points/big questions	Independent/Home learning	Linked Assessment	Resources
7/9	Angle Properties of triangles and quadrilaterals	<ol style="list-style-type: none"> 1. Be able to determine angles within parallel lines. 2. Be able to determine angles in and around triangles and quadrilaterals. 	Hegarty Maths clips and quizzes on Ratio 328 - 338	End of unit assessment. Quizzes and feedback on Hegarty Maths	HM Videos and Quizzes 481 - 483
14/9	Interior and exterior angles of polygons	<ol style="list-style-type: none"> 1. Be able to calculate an unknown interior angle within a polygon. 2. Be able to calculate an unknown exterior angle. 			HM Videos and Quizzes 560 - 564
21/9	Pythagoras	<ol style="list-style-type: none"> 1. Be able to work out an unknown length on a right angled triangle. 			HM Videos and Quizzes 497 - 504
28/9	Trigonometry -	<ol style="list-style-type: none"> 1. Be able to work out an unknown angle in a right angled triangle. 2. Be able to work out an unknown length in a right angled triangle. 			HM Videos and Quizzes 508 - 515

5/10	Linear Graphs	<ol style="list-style-type: none"> 1. Be able to identify the gradient and intercept from the equation of a line (including rearranging) 2. Be able to draw a linear graph from the equation. 	Hegarty Maths		HM Videos and Quizzes 201 - 207
12/10	Rates of change	<ol style="list-style-type: none"> 1. Be able to draw and interpret distance / time graphs. 2. Be able to interpret a distance / velocity graph. 3. Be able to draw and interpret real life graphs. 	clips and quizzes on Angles in Polygons 560 - 565		HM Videos and Quizzes 899 - 902
19/10	Quadratic graphs	<ol style="list-style-type: none"> 1. Be able to draw quadratic graphs 2. Be able to solve quadratic equations by using quadratic graphs. 			HM Videos and Quizzes 251 - 260
Half term					