

Subject	Year 10 Threshold Concepts – Summer Term	How to support students' learning
Mathematics	<p><u>Angles and Circle Theorems</u></p> <ul style="list-style-type: none"> • Use angles facts and rules • Use properties of polygons • Use construction techniques • Prove congruence in triangles • Geometric Proof (Higher tier only) <p><u>Vectors</u></p> <ul style="list-style-type: none"> • Use vectors to define translations • Use vector notation and find paths as a combination of vectors • Use the four rules with vectors • Find the length of a vector (Higher tier only) • Solve geometry problems with vectors (Higher tier only) <p><u>Standard form and bounds</u></p> <ul style="list-style-type: none"> • Convert numbers to and from standard form and solve problems • Review rounding and truncating • Calculate upper and lower bounds (Higher tier only) • Solve problems involving bounds (Higher tier only) 	<ul style="list-style-type: none"> • Encourage your child to use the correct equipment when working with lines and graphs (a pencil and ruler)
	<p><u>Speed/Distance/Time and real-life graphs</u></p> <ul style="list-style-type: none"> • Convert units of measure including compound • Draw and interpret real-life graphs • Draw and interpret velocity-time graphs (Higher tier only) 	<ul style="list-style-type: none"> • Encourage your child to think about planning trips and journeys to see these in real-life. • Use www.mymaths.co.uk for support if needed. Teachers will have provided your child with a login and password.

	<p><u>Financial Capabilities</u></p> <ul style="list-style-type: none">• Tax• Budgeting; income and expenditure• Money Management	<ul style="list-style-type: none">• Discuss with your child the financial responsibilities of running a household
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