



Maths - Year 11 (Foundation)



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Circles and cylinders	Watch this video Cylinders Try this worksheet Volume and Surface Area of Cylinders Answers Solutions	-
Transformations	Watch this video Transformations Try this worksheet Mixed transformations Answers Answers	Revision worksheet Transformations revision
Ratio and proportion	Watch these two videos Ratio Proportion Try these worksheets Sharing Ratio Proportion Ingredients Questions Answers Solutions ratio Solutions proportion	Watch this video Direct and Inverse Proportion Try this worksheet Direct and Inverse Proportion Answers Solutions
Pythagoras	Watch this video Pythagoras Try this worksheet Pythagoras Answers Solutions	Try these exam questions Pythagoras EQ Answers Pythagoras EQ Answers



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Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Quadratic equations and graphs	Watch this video Solving Quadratics Try this worksheet Solving Quadratics Answers Solutions	Watch this video Drawing Quadratic Graphs Try this worksheet Quadratic Graphs Answers Answers
Indices and standard form	Watch these videos Indices Standard Form Try these worksheets Indices Standard Form Answers Indices Solutions Standard form Solutions	-
Set language and notation	Watch this video Set notation Try this worksheet Set Notation Answers Solutions	-
Probability	Watch this video Probability Try this worksheet Probability and Relative Frequency Answers Solutions	Watch this video Venn Diagrams Try this worksheet Venn Diagrams Answers Solutions



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Trigonometry	Watch this video: SOHCAHTOA (Trigonometry) Try this worksheet SOHCAHTOA Answers Solutions	Try this worksheet Trig & Pythagoras (Answers are at the end of the worksheet above)
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Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Similarity	Watch this video Similar Shapes (Lengths) Try this worksheet Similar Shapes (Lengths) Answers Solutions	Exam questions Similar Shapes EQ Answers Similar Shapes EQ Answers
Congruency	Watch this video Congruent Triangles Try this worksheet Congruent Triangles Answers Solutions	Exam questions Congruent Shapes Answers Solutions
Simultaneous equations	Watch this video Simultaneous Equations Try this worksheet Simultaneous Equations Answers Solutions	Watch this video Solving Simultaneous Equations Graphically Try this worksheet Solving Simultaneous Equations Graphically Answers Solutions