



# Maths - Year 10 (Higher)



## Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Decimals, rounding, significant figures	<a href="#">Rounding Video</a> <a href="#">Rounding Worksheet</a> <a href="#">Rounding Answers</a>	
Numbers: HCF, LCM, integers, surds, indices	<a href="#">Prime Factors, HCF and LCM Video</a> <a href="#">HCF, LCM Worksheet</a> <a href="#">HCF, LCM Answers</a>	<a href="#">Surds Video</a> <a href="#">Surds Worksheet</a> <a href="#">Surds Answers</a>
Algebra: factorise, expand double brackets, substitutions, direct and indirect proportion	<a href="#">Expanding and Factorising Video</a> <a href="#">Expand and Factorise Worksheet</a> <a href="#">Expanding and Factorising Answers</a>	<a href="#">Direct and Inverse Proportion Video</a> <a href="#">Direct and Inverse Proportion Worksheet</a> <a href="#">Direct and Indirect Proportion Answers</a>
Linear equations and inequalities	<a href="#">Solving Equations Video</a> <a href="#">Solving Equations Worksheet</a> <a href="#">Solving Equations Answers</a>	<a href="#">Inequalities video</a> <a href="#">Inequalities questions</a> <a href="#">Inequalities Answers</a>
Sequences	<a href="#">Sequences (Nth Term) Video</a> <a href="#">Sequences (nth term) Worksheet</a> <a href="#">Sequences (Nth term) Answers</a>	

## Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Graphical representation of data	<a href="#">Histogram Video</a> <a href="#">Histogram Worksheet</a> <a href="#">Histogram Answers</a>	<a href="#">Cumulative Frequency Video</a> <a href="#">Cumulative Frequency Worksheet</a> <a href="#">Cumulative Frequency Answers</a>



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Statistics	<a href="#">Averages Video</a> <a href="#">Averages Worksheet</a> <a href="#">Average Answers</a>	<a href="#">Box Plot Video</a> <a href="#">Box Plot Worksheet</a> <a href="#">Box Plot Answers</a>
Fractions	<a href="#">Adding, Subtracting, Multiplying and Dividing Fractions</a>	<a href="#">4 operations and fractions worksheet</a> <a href="#">4 operations worksheet answers</a>
Percentages	<a href="#">Percentage change video</a> <a href="#">Percentage change worksheet</a> <a href="#">Percentage Change Answers</a>  <a href="#">Compound interest and depreciation video</a>  <a href="#">Compound interest and depreciation worksheet</a>  <a href="#">Compound interest and depreciation answers</a>	<a href="#">Reverse Percentages Video</a> <a href="#">Reverse Percentages Worksheet</a> <a href="#">Reverse Percentages Answers</a>
Ratio and proportion	<a href="#">Ratio Video</a>  <a href="#">Ratio Worksheet</a>  <a href="#">Ratio Answers</a>	<a href="#">Proportion Video</a>  <a href="#">Proportion Worksheet</a>  <a href="#">Proportion Answers</a>

## Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Compound measure	<a href="#">Speed and Density Video</a>  <a href="#">Speed and Density Worksheet</a>  <a href="#">Speed and Density answers</a>	
Geometry of shapes	<a href="#">Angles in Parallel Lines Video</a>	<a href="#">Angles in Polygons Video</a>



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	<p><a href="#"><u>Angles in Parallel Lines Worksheet</u></a></p> <p><a href="#"><u>Angles in Parallel Lines Answers</u></a></p>	<p><a href="#"><u>Angles in Polygons Worksheet</u></a></p> <p><a href="#"><u>Angles in Polygons Answers</u></a></p>
Real life and linear graphs	<p><a href="#"><u>Real Life Graphs Video</u></a></p> <p><a href="#"><u>Real Life Graphs Worksheet</u></a></p> <p><a href="#"><u>Real Life Graph Answers</u></a></p>	<p><a href="#"><u>Midpoint of a Line Segment Video</u></a></p> <p><a href="#"><u>Gradient of a Line Video</u></a></p> <p><a href="#"><u>Gradient of a Line Worksheet</u></a></p> <p><a href="#"><u>Gradient of a Line Answers</u></a></p>
Quadratic equations and inequalities	<p><a href="#"><u>Inequalities video</u></a></p> <p><a href="#"><u>Inequalities questions</u></a></p> <p><a href="#"><u>Inequalities Answers</u></a></p>	<p><a href="#"><u>Quadratic Equations Video</u></a></p> <p><a href="#"><u>Quadratic Equations Worksheet</u></a></p> <p><a href="#"><u>Quadratic Equations Answers</u></a></p>
Constructions and bearing	<p><a href="#"><u>Bearings Video</u></a></p> <p><a href="#"><u>Bearings Worksheet</u></a></p> <p><a href="#"><u>Bearings Answers</u></a></p>	<p><a href="#"><u>Construction Video</u></a></p> <p><a href="#"><u>Construction Worksheet</u></a></p> <p><a href="#"><u>Constructions Answers</u></a></p>
Perimeter, area and volume of 2D and 3D shapes	<p><a href="#"><u>Area and Perimeter Video</u></a></p> <p><a href="#"><u>Area and Perimeter Worksheet</u></a></p> <p><a href="#"><u>Area and perimeter Answers</u></a></p> <p><a href="#"><u>Area and Circumference of Circles Video</u></a></p> <p><a href="#"><u>Area and circumference of Circles Worksheet</u></a></p> <p><a href="#"><u>Area and circumference of Circles Answers</u></a></p>	<p><a href="#"><u>Volume of a Prism Video</u></a></p> <p><a href="#"><u>Volume of Prism Worksheet</u></a></p> <p><a href="#"><u>Volume of a Prism Answers</u></a></p>