

Year 11 F	Unit 14	Unit 15	Unit 16	Unit 17	Unit 18
<b>Topic/Theme/ Focus</b>	<p>In this unit students will learn about inequalities and sequences.</p> <p>They will cover fundamental knowledge such as: Understanding what an inequality is including the symbols. Solve linear inequalities. Rearrange formulae. Generate sequences by spotting a pattern or by using a rule. Find the nth term of a linear sequence.</p>	<p>In this unit students will be introduced to quadratic equations and graphs.</p> <p>They will learn information such as: Recognising a quadratic expression. Factorising a quadratic expression. Drawing the graph of a simple quadratic</p>	<p>In this unit students will further develop their understanding of area, perimeter and volume.</p> <p>They will learn fundamental skills such as: Understanding the meaning of circumference. Recall and use the formula for area of a circle.</p>	<p>In this unit students will learn how to solve equations simultaneously and will look at graphs of cubic and reciprocal functions.</p> <p>They will learn skills such as: Setting up and solving simple simultaneous equations. Recognise the sketch of a cubic graph.</p>	<p>In this unit students will further develop their knowledge of triangles and angles.</p> <p>They will learn skills such as: Finding sides and angles in right angled triangles using trigonometry. State the exact trigonometry values for certain angles.</p>
<b>Corbett Maths Videos</b>	176, 177, 178, 286-288, 290	264, 266	40, 46, 47, 59, 60, 357, 359, 360, 361	295, 296, 344, 346	329, 330, 331, 341
<b>Key vocabulary</b>	Inequality, Generate, linear, common difference, term	Quadratic, factorise, expand, parabola.	Circumference, Radius, Area	Simultaneous, elimination, substitution	Trigonometry, Hypotenuse, opposite, adjacent, Sine, Cosine and Tangent.