

Year 10 F	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11	Unit 12
<b>Topic/Theme/ Focus</b>	<p>In this unit students will deepen their understanding of perimeter, area and volume.</p> <p>They will cover fundamental skill such as: Calculating the area and perimeter of rectangles, parallelograms and triangles. Know the formula for area of a triangle and rectangle Know what surface area is. Calculate the volume of a cuboid and prism.</p>	<p>In this unit students will build on their knowledge of Linear graphs.</p> <p>They will learn fundamental knowledge such as: Plotting straight lines graphs parallel to the x and y axis. Generate and plot coordinates. Plot straight line graphs using a table of values</p>	<p>In this unit students will build on their knowledge of ratio and proportion from KS3.</p> <p>They will learn fundamental skills such as: Using ratio notation and finding equivalent ratios. Simplifying ratios. Write ratios in the form 1:n or n:1 Share into a given ratio</p>	<p>In this unit students will develop their understanding of transformations.</p> <p>They will cover fundamental skills such as: Knowing that a column vector describes movement. Translating a shape using a column vector. Identify the scale of an enlargement.</p>	<p>In this unit students will learn how to interpret real life graphs including speed, distance and time.</p> <p>They will learn fundamental skills such as: Calculating speed Drawing distance time graphs. Interpreting distance time graphs.</p>	<p>In this unit students will further develop their understanding of interpreting and representing data.</p> <p>They will learn fundamental skills such as: Calculating the mean, mode, median and range. Reading and interpreting data from tables. Interpret and draw bar charts.</p>	<p>In this unit students will expand on their knowledge of percentages.</p> <p>They will learn fundamental skills such as: Express a given number as a percentage of another. Calculate simple interest in financial contexts.</p>
<b>Corbett Maths Videos</b>	41, 42, 43, 44, 45, 49, 355, 356	186, 187, 189, 190, 192, 193, 194, 195, 196, 198	269, 270, 271, 271a, 271b, 271c, 271d, 255a, 256, 210	325, 326, 272-275, 104-106, 283-284,	299, 151, 152, 171, 171a	50, 51, 53, 54, 55, 56, 56a, 57, 57a, 147, 148, 148a, 148b, 160, 163-168	237, 236a, 236, 239, 240, 384, 384a, 385, 254, 255,

<b>Key vocabulary</b>	Perpendicular height, cross section	Parallel, Coordinate, Gradient, Intercept	Ratio, proportion, equivalent	Vector, Translate, Enlarge, Scale Factor	Speed	Averages	Depreciate, annum
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