

<b>Mod 1</b>	<b>RMS LE</b>	<b><i>Powers and roots (Chapter 3)</i></b>
	<i>Work with simple powers and roots using mental methods</i>	
	<i>Use a calculator to compute harder powers and roots</i>	
	<i>Work with fractional and negative powers, and reciprocals</i>	
	<i>Use the laws of indices to simplify numerical expressions</i>	
	<i>Write large and small numbers in standard form</i>	
	<i>Calculate using standard form</i>	
	<i>Decompose integers into prime numbers</i>	
<i>Calculate Highest Common Factors and Lowest Common Multiples</i>		
<b>Mod 2</b>	<b>RMS LE</b>	<b><i>Fractions, decimals and rounding (Chapter 1)</i></b>
	<i>Find equivalent fractions</i>	
	<i>Add and subtract fractions and decimals</i>	
	<i>Change fractions to decimals and vice versa</i>	
	<i>Multiply and divide fractions</i>	
	<i>Order a list of fractions and decimals</i>	
	<i>Change recurring fractions into exact fractions</i>	
	<i>Use your calculator efficiently with fractions and decimals</i>	
<b>Mod 3</b>	<b>RMS LE</b>	<b><i>Working with algebra (Chapter 4)</i></b>
	<i>Substitute into formulae and expressions</i>	
	<i>Work with indices</i>	
	<i>Expand brackets and collect like terms</i>	
	<i>Factorise linear algebraic expressions</i>	
	<i>Factorise quadratics with unitary coefficient</i>	
	<i>Factorise quadratics with non-unitary coefficient</i>	
	<i>Generate formulae</i>	
<i>Change the subject of a formulae</i>		
<i>Change recurring fractions into exact fractions</i>		
<b>Mod 4</b>	<b>RMS LE</b>	<b><i>Algebraic equations and inequalities (Chapters 5 &amp; 8)</i></b>
	<i>Identify expressions, equations and identities</i>	
	<i>Solve simple equations</i>	
	<i>Solve harder linear equations</i>	
	<i>Solve linear equations involving brackets and fractions</i>	
	<i>Solve simple linear inequalities in one variable</i>	
	<i>Represent solution sets on a number line</i>	
	<i>Represent solution sets using set notation</i>	
<b>Mod 5</b>	<b>RMS LE</b>	<b><i>Straight line graphs (Chapter 6)</i></b>
	<i>Use coordinates in all four quadrants</i>	
	<i>Plot graphs of linear functions defined implicitly or explicitly</i>	
	<i>Use gradient and intercept to sketch linear graphs</i>	
	<i>Recognise the equation of a linear graph by inspecting its gradient and intercept</i>	
	<i>Calculate the midpoint of a line segment</i>	
	<i>Use properties of parallel and perpendicular lines</i>	
<i>Solve geometric problem using properties of straight lines</i>		

<b>Mod 6</b>	<b>RMS LE</b>	<b><i>Inequalities (Chapter 8)</i></b>
	<i>Solve linear inequalities in two variables</i>	
	<i>Solve quadratic inequalities</i>	
	<i>Use inequalities to solve linear programming problems*</i>	
<b>Mod 7</b>	<b>RMS LE</b>	<b><i>Simultaneous Equations (Chapter 7)</i></b>
	<i>Solve simultaneous equations by inspection</i>	
	<i>Solve harder simultaneous equations by algebraic elimination</i>	
	<i>Solve simultaneous equations by graphical methods</i>	
	<i>Solve simultaneous equations by substitution*</i>	
<i>Solve problems using simultaneous equations</i>		
<b>Mod 8</b>	<b>RMS LE</b>	<b><i>Pythagoras and Trigonometry Chapters 15 and 16)</i></b>
	<i>Use Pythagoras' theorem to test whether a triangle is right-angled</i>	
	<i>Use Pythagoras' theorem to find an unknown side in a right angled triangle</i>	
	<i>Use Pythagoras' theorem to find the distance between two points on a grid</i>	
	<i>Use Pythagoras' theorem to find simple three-dimensional problems</i>	
	<i>Use sine, cosine and tangent to find unknown lengths in right-angled triangles</i>	
	<i>Use inverse functions to find unknown angles in right-angled triangles</i>	
	<i>Solve multi-stage problems using sine, cosine and tangent</i>	
<i>Use angle of elevation and angle of depression</i>		
<b>Mod 9</b>	<b>RMS LE</b>	<b><i>Travel and other graphs (Chapter 10)</i></b>
	<i>Use straight line graphs to model real-life situations</i>	
	<i>Draw graphs to represent rates of change, such as containers being filled with water</i>	
<i>Solve problems using travel graphs</i>		
<b>Mod 10</b>	<b>RMS LE</b>	<b><i>Degrees of accuracy Chapter 1</i></b>
	<i>Round to any degree of accuracy</i>	
	<i>Round using significant figures</i>	
	<i>Calculate upper and lower bounds</i>	
<i>Use upper and lower bounds in calculations</i>		
<b>Mod 11</b>	<b>RMS LE</b>	<b><i>Working with shape and space (Chapter 11)</i></b>
	<i>Know and apply basic angle properties including vertically opposite</i>	
	<i>Use corresponding and alternate angles</i>	
	<i>Work with angles in triangles and quadrilaterals</i>	
	<i>Calculate interior and exterior angles of polygons</i>	
	<i>Find areas of triangles and quadrilaterals</i>	
	<i>Calculate surface areas and volumes of solids</i>	
<i>Convert between systems of units</i>		
<b>Mod 12</b>	<b>RMS LE</b>	<b><i>Circles, cylinders, cones and spheres (Chapter 12)</i></b>
	<i>Calculate the circumference of a circle</i>	
	<i>Calculate area of sectors</i>	
	<i>Use circle formulae in reverse</i>	
	<i>Find the surface area and volume of a cylinder</i>	
	<i>Find surface area and volume of cones and spheres</i>	
<i>Obtain exact expressions for results in terms of pi</i>		

Mod 13

<b>RMS LE</b>	<b>Circle Theorems (Chapter 17)</b>
	<i>Use correct vocabulary associated with circles</i>
	<i>Use tangent properties to solve problems</i>
	<i>Prove and use various theorems about angle properties inside a circle</i>
	<i>Prove and use the alternate segment (intersecting tangent and chord) theorem</i>
	<i>Prove and use the intersecting chords theorem</i>