

# Rokeby Remote working for students

Week beginning 23/3/2020 Subject: Maths

<p>Year group</p>	<p>Students to access, learn and practise topic via...</p> <p><a href="https://www.mymaths.co.uk/">https://www.mymaths.co.uk/</a> Username: rokeby Password: addition</p> <p><a href="https://vle.mathswatch.co.uk/vle/">https://vle.mathswatch.co.uk/vle/</a> Check the spreadsheet for username/password</p> <p><a href="https://www.methodmaths.com/login.html">https://www.methodmaths.com/login.html</a> - exam papers centre id: Rokeby then check the spreadsheet for username/password</p> <p><a href="https://www.mathsgenie.co.uk/gcse.html">https://www.mathsgenie.co.uk/gcse.html</a> - practise topics and exam papers</p>
<p>7</p>	<p>Set 1 - laws of indices</p> <ul style="list-style-type: none"> <li>- plotting linear graphs</li> <li>- rearranging difficult formula</li> </ul> <p>Set 2 - area and circumference of a circle</p> <ul style="list-style-type: none"> <li>- solving linear equations</li> <li>- rearranging formula</li> <li>- averages from a table</li> </ul> <p>Set 3 - percentage of an amount</p> <ul style="list-style-type: none"> <li>- negative numbers</li> <li>- adding/subtracting fractions</li> <li>- BIDMAS</li> </ul>
<p>8</p>	<p>Set 1 - percentage change</p> <ul style="list-style-type: none"> <li>- area of compound shapes</li> <li>- direct/indirect proportion</li> </ul> <p>Set 2 - rearranging formula</p> <ul style="list-style-type: none"> <li>- solving quadratic equations by factorisation</li> <li>- sequence(nth term) linear</li> <li>- area of compound shapes</li> </ul> <p>Set 3 - solving linear equation</p> <ul style="list-style-type: none"> <li>- expanding and simplifying brackets</li> <li>- long multiplication</li> <li>- direct numbers (negative numbers)</li> </ul>
<p>9</p>	<p>Set 1 - quadratic sequences</p> <ul style="list-style-type: none"> <li>- line/ cosine rule</li> <li>- histogram</li> </ul> <p>Set 2 - solving quadratics by factorising</p> <ul style="list-style-type: none"> <li>- surds</li> <li>- rearranging formulae</li> </ul> <p>Set 3 - Pythagoras</p> <ul style="list-style-type: none"> <li>- SohCahToa – basic trigonometry</li> </ul>

	<ul style="list-style-type: none"> <li>- factorising and solving quadratics</li> </ul> <p>Set 4 - factor tree and product of primes</p> <ul style="list-style-type: none"> <li>- estimating the mean</li> <li>- simple and harder tree diagrams</li> </ul> <p>Set 5 - multiply and divide fractions</p> <ul style="list-style-type: none"> <li>- collecting like terms</li> <li>- sequences</li> <li>- probability tree diagrams</li> </ul>
<b>10</b>	<p>Set 1 - algebraic proof</p> <ul style="list-style-type: none"> <li>- histograms</li> <li>- coordinates geometry</li> <li>- rates of change (Crude Birth/death rates &amp; standardised)</li> </ul> <p>Set 2 - algebraic proof</p> <ul style="list-style-type: none"> <li>- circle theorems</li> <li>- histograms</li> </ul> <p>Set 3 - solving linear equations</p> <ul style="list-style-type: none"> <li>- solving quadratic equations</li> <li>- drawing quadratic graphs</li> <li>- best buys</li> </ul> <p>Set 4 - adding, subtracting, multiplying and dividing fractions</p> <ul style="list-style-type: none"> <li>- trigonometry/ SOHCAHTOA</li> </ul> <p>Set 5 - rearranging simple and difficult formulae</p> <ul style="list-style-type: none"> <li>- reverse percentages</li> <li>- simple and harder tree diagrams</li> <li>- frequency tress plus two-way table</li> </ul> <p>Set 6 - solving linear equations</p> <ul style="list-style-type: none"> <li>- area and circumference of circles</li> <li>- substitution</li> <li>- nth term sequence</li> </ul> <p>Set 7 - negative numbers</p> <ul style="list-style-type: none"> <li>- BIDMAS</li> <li>- adding/subtracting fractions</li> <li>- percentage of amounts</li> </ul>
<b>11</b>	<p>Set 1 - bounds</p> <ul style="list-style-type: none"> <li>- similarity</li> <li>- direct and Inverse Proportions</li> </ul> <p>Set 2 - combined variation or proportion</p> <ul style="list-style-type: none"> <li>- trigonometry in 3-D</li> <li>- vectors</li> </ul> <p>Set 3 - direct and inverse proportion</p>

	<ul style="list-style-type: none"><li>- simple, compound interest and depreciation</li><li>- spheres and cones</li></ul>
Set 4 -	<ul style="list-style-type: none"><li>factorising and solving quadratics when a is greater than one</li><li>- cumulative frequency curves</li><li>- surds</li></ul>
Set 5 -	<ul style="list-style-type: none"><li>iterative process</li><li>- recurring decimals to fractions</li><li>- percentage change, compound interest/depreciation</li></ul>
Set 6 -	<ul style="list-style-type: none"><li>simultaneous equations</li><li>- trigonometry (SOHCAHTOA)</li></ul>
Set 7 -	<ul style="list-style-type: none"><li>fractions and the four operations</li><li>- percentage of amounts</li><li>- simplifying expressions</li></ul>