

Rokeby Remote working for students

Week 6 - 27/04/20 Subject: Maths

Work for the equivalent teaching time in a week eg 4 hours for each of English, maths and science

<p>Year group</p>	<p>Students to access and learn topics via...</p> <p>https://www.mymaths.co.uk/ Username: rokeby Password: addition</p> <p>https://vle.mathswatch.co.uk/vle/ (same 4 digit login as your mymaths hw login and THEN @rokeby) Username: 4 digits@rokeby Password: rokeby</p> <p>https://www.methodmaths.com/login.html - exam papers centre id: rokeby - email your teacher if you don't know your login details</p> <p>https://www.mathsgenie.co.uk/gcse.html - to practise topic based exam questions</p>
<p>7</p>	<p>All students to also complete exam paper Nov 2017 1F – on method maths</p> <p>Set 1 - ROK -Percentage Change 1 (using multipliers to calculate percentage increases and decreases) Mymaths -Percentage Change 2(calculating the result of multiple percentage changes and working out percentages backwards) Mymaths</p> <p>Set 1- EBY - Direct Proportion (Mymaths) - Inverse Proportion (Mymaths)</p> <p>Set 2- ROK - Adding and Subtracting Negatives (Mathswatch clip 68a) - Multiplying and Dividing Negatives (Mathswatch clip 68b)</p> <p>Set 2- EBY - multiplying fraction (mymaths) - dividing fractions (mymaths)</p> <p>Set 3- ROK - Improper and Mixed Fractions- My Maths - Add and Subtract Fractions - MyMaths</p> <p>Set 3- EBYExpanding Brackets (vle mathswatch clip 93) - Expanding and Simplifying (vle mathswatch clip 134a) - Expanding and Simplifying (vle mathswatch clip 134b)</p>

8	<p>All students to also complete exam paper Nov 2017 1F – on method maths</p> <p>Set 1 - ROK -Generate A Sequence From The Nth Term (MathsWatch Clip 102) Mymaths-Algebra-Sequence - Generating Progressions (MathsWatch Clip 163) Mymaths-Algebra-Sequence-Geometric Sequence.</p> <p>Set 1- EBY - Similar shapes (vle mathswatch clip 144) - Similarity (vle mathswatch clip 200)</p> <p>Set 2- ROK - Rounding to Significant Figures (Mathswatch clip 90) - Estimating Answers (Mathswatch clip 91)</p> <p>Set 2- EBY -multiplying fractions (mymaths) -dividing fractions (mymaths)</p> <p>Set 3- ROK -Adding subtracting fractions (By writing them with a common denominator) Mymaths -Multiplying fractions (Multiplying one fraction by another) Mymaths</p> <p>Set 3- EBY - Ordering whole numbers (Mymaths) - Multiples (Mymaths)</p>
9	<p>All students to also complete exam paper Nov 2017 1H/F – on method maths Nov 2017 1H - Set 1 to 2 (click H top right to find) Nov 2017-1F- Set 3 to 5</p> <p>Set 1 -Recurring Decimals to Fractions (Mathswatch clip177) -Recurring Decimals Proof (Mathswatch clip189)</p> <p>Set 2 - Index Notation (vle mathswatch clip 131) - Negative Indices (vle mathswatch clip 154) - Fractional Indices (vle mathswatch clip 188)</p> <p>Set 3 - Ratio dividing (1) (Mymaths) - Ratio dividing (2) (Mymaths)</p>

	<p>Set 4</p> <ul style="list-style-type: none"> -Factorising Linear(factorising by taking out common factors) Mymaths -Factorising quadratic 1 (Factorising simple quadratics. Difference of two squares) Mymaths <p>Set 5</p> <ul style="list-style-type: none"> -Perimeter (MathsWatch Clip 52) Mymaths-Geometry-Area and Perimeter -Area of a Rectangle (MathsWatch Clip 53) Mymaths-Geometry-Area and Perimeter
<h1>10</h1>	<p>All students to also complete exam paper Nov 2017 1H/F – on method maths Nov 2017 1H - Set 1 to 4 (click H top right to find) Nov 2017-1F- Set 5 to 7</p> <p>Set 1</p> <ul style="list-style-type: none"> - Direct Proportion (Mymaths) - Inverse Proportion (Mymaths) <p>Set 2</p> <ul style="list-style-type: none"> - cosine rule -sides (mymaths) - cosine rule - angles (mymaths) <p>Set 3</p> <ul style="list-style-type: none"> - Inequality-On a Number Line (MathsWatch Clip138) -Solving Linear Inequality (MathsWatch Clip 139)Mymaths-Algebra- Inequalities <p>Set 4</p> <ul style="list-style-type: none"> -Solving linear equations https://app.mymaths.co.uk/187-lesson/equations-2-multi-step -Solving equations with unknowns on both sides https://app.mymaths.co.uk/188-lesson/equations-3-both-sides <p>Set 5</p> <ul style="list-style-type: none"> -Simplifying 1(Simplify Expressions such as $a+a+b+b+b$) -Simplifying 2 (Multiplying and dividing simple algebraic expressions) <p>Set 6</p> <ul style="list-style-type: none"> -Adding and Subtracting Fractions (Mathswatch clip 71a) -Multiplying and Dividing Fractions (Mathswatch clip 73 and 74) <p>Set 7</p>

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| | <ul style="list-style-type: none">- Expanding Brackets (vle mathswatch clip 93)- Expanding and Simplifying (vle mathswatch clip 134a)- Expanding and Simplifying (vle mathswatch clip 134b) |
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All students to also complete exam paper Nov 2017 1H/F – on method maths
Nov 2017 1H - Set 1 to 5 (click H top right to find)
Nov 2017-1F - Set 6 to 7

Set 1

- Direct and Inverse Proportion (vle mathswatch clip 199)
- Histograms (vle mathswatch clip 205)

Set 2

- Expressions and formulae - Rearranging 1(changing the subject of simple formulae
- Rearranging 2 (rearrange formulae with the subject appearing twice and with fractions)

Set 3

- Inequality-On a Number Line (MathsWatch Clip138)
- Solving Linear Inequality (MathsWatch Clip 139)Mymaths-Algebra- Inequalities

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Set 4

- indices 1 (mymaths)
- indices 2 (mymaths)

Set 5

- writing ordinary numbers in standard form and vice versa.
<https://app.mymaths.co.uk/166-lesson/standard-form-large>
<https://app.mymaths.co.uk/167-lesson/standard-form-small>
- calculations involving standard form
<https://app.mymaths.co.uk/168-lesson/standard-form-calcs>

Set 6

- Factorising Quadratics (Mathswatch clip 157)
- Factorising and Solving Quadratics (Mathswatch clip 157)

Set 7

- Negative numbers (Mymaths)
- Ordering decimals (Mymaths)