

Rokeby Remote working for students

Week 9 - 18/05/20 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 Jun 2017 1F – on method maths</p> <p>Set 1 - ROK Solving linear equations (vle.mw clips 135a & 135b) Forming formula and equations to solve (vle.mw clip 137)</p> <p>Set 1- EBY</p> <ul style="list-style-type: none"> - Calculating Probabilities (vle clip 59) - Experimental Probabilities (vle clip 125) <p>Set 2- ROK Highest Common Factor (Mathswatch clip 79) Lowest Common Multiple ((Mathswatch clip 80))</p> <p>Set 2- EBY</p> <ul style="list-style-type: none"> - expanding double brackets (mymaths) - expanding triple bracket (mymaths) <p>Set 3- ROK - Proportion - MyMaths Exchange rates - MyMaths</p> <p>Set 3- EBY</p> <ul style="list-style-type: none"> - Angles in parallel line (vle mathswatch clip 120) - Angles in triangles (vle mathswatch clip 121)

<p style="text-align: center; font-size: 24pt; font-weight: bold;">8</p>	<p style="color: red;">All students to also complete exam paper Jun 2017 1F – on method maths</p> <p>Set 1 - ROK</p> <ul style="list-style-type: none"> - The Difference of Two Squares (MathsWatch Clip 158) - Error Intervals (MathsWatch Clip 155) <p>Set 1- EBY</p> <ul style="list-style-type: none"> - Cones (vle mathswatch clip 171) - Frustums (vle mathswatch 172) <p>Set 2- ROK</p> <p>Pythagoras' Theorem - An Algebraic Approach (Mathswatch clip 150a)</p> <p>Pythagoras' Theorem - Line on a Graph (Mathswatch clip 150b)</p> <p>Set 2- EBY</p> <ul style="list-style-type: none"> - expanding double brackets (mymaths) - expanding triple bracket (mymaths) <p>Set 3- ROK</p> <p>Generating a sequence from the nth term (vle.mw clip 102)</p> <p>Finding the nth term (vle.mw clip 103)</p> <p>Set 3- EBY</p> <ul style="list-style-type: none"> - Angles in parallel line (vle mathswatch clip 120) - Angles in triangles (vle mathswatch clip 121)
<p style="text-align: center; font-size: 24pt; font-weight: bold;">9</p>	<p style="color: red;">All students to also complete exam paper Jun 2017 1H/F – on method maths</p> <p style="color: red;">Jun 2017 1H - Set 1 to 2 (click H top right to find)</p> <p style="color: red;">Jun 2017-1F- Set 3 to 5</p> <p>Set 1</p> <p>Area of a Triangle Using Sine (Mathswatch clip 203)</p> <p>And and OR Probability Questions (Mathswatch clip 204)</p> <p>Set 2</p> <ul style="list-style-type: none"> - Equation of a straight line (vle mathswatch clip 159a) - Equation of a straight line (vle mathswatch clip 159b) <p>Set 3</p> <ul style="list-style-type: none"> - Equation of a straight line (vle mathswatch clip 159a)

	<ul style="list-style-type: none"> - Equation of a straight line (vle mathswatch clip 159b) - <p>Set 4</p> <p>Subject of a formula using flowcharts (vle.mw clip 101)</p> <p>Rearranging Simple formula (vle.mw clip 136)</p> <p>Set 5</p> <ul style="list-style-type: none"> - Area of Trapezium (MathsWatch Clip 56) - Coordinates (MathsWatch Clip 8)
<h1>10</h1>	<p style="color: red;">All students to also complete exam paper Jun 2017 1H/F – on method maths Jun 2017 1H - Set 1 to 4 (click H top right to find) Jun 2017-1F- Set 5 to 7</p> <p>Set 1</p> <ul style="list-style-type: none"> - Venn Diagrams Notation (vle mathswatch clips 127a and 127b) - Probability using Venn diagrams (vle mathswatch clip 185) <p>Set 2</p> <ul style="list-style-type: none"> - factorise and solve quadratic greater than 1 (mymaths) - solving quadratics using the formula (mymaths) <p>Set 3</p> <ul style="list-style-type: none"> - Equation of a Straight Line - $y=mx+c$ (MathsWatch Clip 159a) - Equation of a Straight Line -Gradients and Coordinates (MathsWatch Clip 159b) <p>Set 4</p> <ul style="list-style-type: none"> - Recurring decimals - https://app.mymaths.co.uk/64-lesson/recurring-decimals-1 - https://app.mymaths.co.uk/65-lesson/recurring-decimals-2 <p>Set 5</p> <p>Simple Interest (vle.mw clip 111)</p> <p>Compound Interest and Depreciation (vle.mw clip 164)</p> <p>Set 6</p> <p>Percentage Change (Mathswatch clip 109)</p> <p>Reverse Percentage (Mathswatch clip 110)</p> <p>Set 7</p> <ul style="list-style-type: none"> - Angles in parallel line (vle mathswatch clip 120) - Angles in triangles (vle mathswatch clip 121)

All students to also complete exam paper Jun 2017 3H/F – on method maths
Jun 2017 1H - Set 1 to 5 (click H top right to find)
Jun 2017-1F - Set 6 to 7

Set 1

- Algebraic Proof (vle mathswatch clip 193)
- Regions (vle mathswatch clip 198)

Set 2

Simultaneous equations algebraically (vle.mw clip 162)
Simultaneous equations with a quadratic (vle.mw clip 211)

Set 3

- Roots Turning Points (MathsWatch Clip 160)
- Cubic and Reciprocal Graphs (MathsWatch Clip 161)

Set 4

- factorise and solve quadratic greater than 1 (mymaths)
- solving quadratics using the formula (mymaths)

Set 5

- Circumference of a Circle
<https://app.mymaths.co.uk/269-lesson/circumference-of-a-circle>
- Area of a circle
<https://app.mymaths.co.uk/270-lesson/area-of-a-circle>

Set 6

Compound Units (Mathswatch clip 142)
Distance -Time Graphs (Mathswatch clip 143)

Set 7

Compound Units (Mathswatch clip 142)
Distance -Time Graphs (Mathswatch clip 143)