



## Year 10

### Mathematics: Areas for Development

#### Revision Resources

1	Algebra - <a href="#">Solving inequalities</a> <a href="https://www.youtube.com/watch?v=bGps9ut59QM">https://www.youtube.com/watch?v=bGps9ut59QM</a>
2	Number - <a href="#">Product of Prime Factors</a> <a href="https://www.youtube.com/watch?v=Q1W-Now_k4M">https://www.youtube.com/watch?v=Q1W-Now_k4M</a>
3	Number - <a href="#">Converting FDP</a> <a href="https://www.youtube.com/watch?v=ASO9pF4ydgE">https://www.youtube.com/watch?v=ASO9pF4ydgE</a>
4	Number - <a href="#">Lowest common multiple</a> <a href="https://www.youtube.com/watch?v=JVxlvwsMNDo">https://www.youtube.com/watch?v=JVxlvwsMNDo</a>
5	Algebra - <a href="#">Form and solve an equation</a> <a href="https://www.mathsgenie.co.uk/forming-and-solving-equations.html">https://www.mathsgenie.co.uk/forming-and-solving-equations.html</a>
6	Algebra - <a href="#">Inequalities on a number line</a> <a href="https://www.youtube.com/watch?v=r4tE-IBRB0I">https://www.youtube.com/watch?v=r4tE-IBRB0I</a>
7	Algebra - <a href="#">Solve inequalities with variables on both sides</a> <a href="https://www.youtube.com/watch?v=bGps9ut59QM">https://www.youtube.com/watch?v=bGps9ut59QM</a>
8	Geometry - <a href="#">Angles on parallel lines</a> <a href="https://www.mathsgenie.co.uk/angles-parallel.html">https://www.mathsgenie.co.uk/angles-parallel.html</a>
9	Algebra - <a href="#">Substitution</a> <a href="https://www.mathsgenie.co.uk/substitution.html">https://www.mathsgenie.co.uk/substitution.html</a>
10	Algebra - <a href="#">Index laws</a> <a href="https://www.mathsgenie.co.uk/indices.html">https://www.mathsgenie.co.uk/indices.html</a>
11	Algebra - <a href="#">Expand double brackets</a> <a href="https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html">https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html</a>

Kindness, Integrity and Tenacity



## Year 10

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12	Ratio and proportion - <a href="https://www.mathsgenie.co.uk/reverse-percentages.html">Reverse percentages</a> <a href="https://www.mathsgenie.co.uk/reverse-percentages.html">https://www.mathsgenie.co.uk/reverse-percentages.html</a>
13	Ratio and proportion - <a href="https://www.mathsgenie.co.uk/percentage-change.html">Percentage profit</a> <a href="https://www.mathsgenie.co.uk/percentage-change.html">https://www.mathsgenie.co.uk/percentage-change.html</a>
14	Algebra - <a href="https://www.mathsgenie.co.uk/sequences.html">Sequences</a> <a href="https://www.mathsgenie.co.uk/sequences.html">https://www.mathsgenie.co.uk/sequences.html</a>
15	Algebra - <a href="https://www.mathsgenie.co.uk/expanding-and-factorising.html">Factorising into single brackets</a> <a href="https://www.mathsgenie.co.uk/expanding-and-factorising.html">https://www.mathsgenie.co.uk/expanding-and-factorising.html</a>
16	Algebra - <a href="https://www.mathsgenie.co.uk/solving-equations.html">Solving 2-step equations</a> <a href="https://www.mathsgenie.co.uk/solving-equations.html">https://www.mathsgenie.co.uk/solving-equations.html</a>
17	Algebra - <a href="https://www.mathsgenie.co.uk/expanding-and-factorising.html">Expand single brackets</a> <a href="https://www.mathsgenie.co.uk/expanding-and-factorising.html">https://www.mathsgenie.co.uk/expanding-and-factorising.html</a>
18	Number - <a href="https://www.mathsgenie.co.uk/rounding.html">Round to significant figures</a> <a href="https://www.mathsgenie.co.uk/rounding.html">https://www.mathsgenie.co.uk/rounding.html</a>
19	Number - <a href="https://www.mathsgenie.co.uk/BIDMAS.html">Order of operations</a> <a href="https://www.mathsgenie.co.uk/BIDMAS.html">https://www.mathsgenie.co.uk/BIDMAS.html</a>
20	Number - <a href="https://www.mathsgenie.co.uk/estimating.html">Estimation</a> <a href="https://www.mathsgenie.co.uk/estimating.html">https://www.mathsgenie.co.uk/estimating.html</a>
21	Algebra - <a href="https://www.mathsgenie.co.uk/recurring.html">Recurring decimals to fractions</a> <a href="https://www.mathsgenie.co.uk/recurring.html">https://www.mathsgenie.co.uk/recurring.html</a>
22	Algebra - <a href="https://www.mathsgenie.co.uk/completing-the-square.html">Completing the square</a> <a href="https://www.mathsgenie.co.uk/completing-the-square.html">https://www.mathsgenie.co.uk/completing-the-square.html</a>

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**Mathematics: Areas for Development**  
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23	Number - <a href="https://www.mathsgenie.co.uk/surds.html">Simplifying surds</a> <a href="https://www.mathsgenie.co.uk/surds.html">https://www.mathsgenie.co.uk/surds.html</a>
24	Algebra - <a href="https://www.mathsgenie.co.uk/solving-equations2.html">Solving equations with variables on both sides</a> <a href="https://www.mathsgenie.co.uk/solving-equations2.html">https://www.mathsgenie.co.uk/solving-equations2.html</a>
25	Algebra – <a href="https://www.mathsgenie.co.uk/simplifyingalgebra.php">Collecting like terms</a> <a href="https://www.mathsgenie.co.uk/simplifyingalgebra.php">https://www.mathsgenie.co.uk/simplifyingalgebra.php</a>
26	Number – <a href="https://www.mathsgenie.co.uk/percentage-change.php">Percentage Change</a> <a href="https://www.mathsgenie.co.uk/percentage-change.php">https://www.mathsgenie.co.uk/percentage-change.php</a>
27	Algebra – <a href="https://www.mathsgenie.co.uk/quadratic-formula.php">Quadratic Formula</a> <a href="https://www.mathsgenie.co.uk/quadratic-formula.php">https://www.mathsgenie.co.uk/quadratic-formula.php</a>
28	Algebra – <a href="https://www.mathsgenie.co.uk/resources/7-algebraic-fractions.pdf">Algebraic Fractions</a> <a href="https://www.mathsgenie.co.uk/resources/7-algebraic-fractions.pdf">https://www.mathsgenie.co.uk/resources/7-algebraic-fractions.pdf</a>
29	Algebra – <a href="https://www.mathsgenie.co.uk/changing-the-subject2.php">Rearranging Harder Formulae</a> <a href="https://www.mathsgenie.co.uk/changing-the-subject2.php">https://www.mathsgenie.co.uk/changing-the-subject2.php</a>
30	Ratio and Proportion – <a href="https://www.mathsgenie.co.uk/ratio.php">Share in a Ratio</a> <a href="https://www.mathsgenie.co.uk/ratio.php">https://www.mathsgenie.co.uk/ratio.php</a>
31	Algebra – <a href="https://www.mathsgenie.co.uk/expanding-triple-brackets.php">Expand three brackets</a> <a href="https://www.mathsgenie.co.uk/expanding-triple-brackets.php">https://www.mathsgenie.co.uk/expanding-triple-brackets.php</a>
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