

# Remote Curriculum

## Year 9 Maths: Sets 1 and 2

### How it Works:

1. Find the correct week commencing row.
2. Find today`s day - There are 2 different lessons in each day and GCSE Examination Resources – you won’t run out of work.
3. Choose a lesson – hold ctrl and click the chosen link.
  - a. If you don’t recognise the work, it appears too difficult or the link doesn’t load;
    - i. Try another task – look at the previous/next lesson or look at other days.
4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
5. Complete any starter quizzes.
  - a. Write your answer down
  - b. Mark your answers and write down any corrections
6. Watch the videos and take notes.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and go onto the next one.

Week Commencing	Week	Day	Topic	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
15/04/2024	B	Monday	Angles and parallel lines	<a href="#">Angles in triangles</a>	<a href="#">Angles in polygons</a>
		Tuesday		<a href="#">Angles in polygons</a>	<a href="#">Straight lines and angles at a point</a>
		Wednesday		<a href="#">Straight lines and angles at a point</a>	<a href="#">Angles in parallel lines</a>
		Thursday		<a href="#">Angles in parallel lines</a>	<a href="#">intersections</a>
		Friday		<a href="#">intersections</a>	<a href="#">Transversal angles</a>
22/04/2024	A	Monday		<a href="#">Transversal angles</a>	<a href="#">Alternate and corresponding</a>
		Tuesday		<a href="#">Alternate and corresponding</a>	<a href="#">Finding missing angles</a>
		Wednesday		<a href="#">Finding missing angles</a>	<a href="#">Interior angle in a triangle</a>
		Thursday		<a href="#">Interior angle in a triangle</a>	<a href="#">Defining polygons</a>
		Friday		<a href="#">Defining polygons</a>	<a href="#">Building shapes from triangles</a>
29/04/2024	B	Monday	Polygons recap	<a href="#">Building shapes from triangles</a>	<a href="#">Building shape from triangles part 2</a>
		Tuesday		<a href="#">Building shape from triangles part 2</a>	<a href="#">Polygons and triangles</a>
		Wednesday		<a href="#">Polygons and triangles</a>	<a href="#">Angles in polygons part 1</a>
		Thursday		<a href="#">Angles in polygons part 1</a>	<a href="#">Angles in polygons part 2</a>
		Friday		<a href="#">Angles in polygons part 2</a>	<a href="#">Finding missing angles in polygons</a>
	A	Monday			

06/05/2024		Tuesday	Trigonometry	<a href="#">Use tangent to find a length</a>	<a href="#">Know tangent, sine and cosine</a>
		Wednesday		<a href="#">Know tangent, sine and cosine</a>	<a href="#">Use tangent to find a length</a>
		Thursday		<a href="#">Use tangent to find a length</a>	<a href="#">Use sine and cosine to find a length</a>
		Friday		<a href="#">Use sine and cosine to find a length</a>	<a href="#">Applying trigonometry</a>
13/05/2024	B	Monday		<a href="#">Applying trigonometry</a>	<a href="#">Using trigonometry to find the perpendicular height of a triangle</a>
		Tuesday		<a href="#">Using trigonometry to find the perpendicular height of a triangle</a>	<a href="#">Solve basic trigonometry equations</a>
		Wednesday		<a href="#">Solve basic trigonometry equations</a>	<a href="#">Using inverse functions to find an angle</a>
		Thursday		<a href="#">Using inverse functions to find an angle</a>	<a href="#">Solve problems mixing angles and sides</a>
		Friday		<a href="#">Solve problems mixing angles and sides</a>	<a href="#">Know the trigonometry ratios</a>
20/05/2024	A	Monday	Coordinates and	<a href="#">Know the trigonometry ratios</a>	<a href="#">Substitute exact values to find a missing length</a>
		Tuesday		<a href="#">Substitute exact values to find a missing length</a>	<a href="#">Use trigonometry to find bearing problems</a>
		Wednesday		<a href="#">Plotting coordinates</a>	<a href="#">Plotting coordinates in all 4 quadrants</a>
		Thursday		<a href="#">Plotting coordinates in all 4 quadrants</a>	<a href="#">Midpoints</a>
		Friday		<a href="#">Midpoints</a>	<a href="#">Horizontal and vertical lines</a>
03/06/2024	B	Monday	Linear graphs	<a href="#">Horizontal and vertical lines</a>	<a href="#">Plotting straight line graphs with a table of values</a>
		Tuesday		<a href="#">Plotting straight line graphs with a table of values</a>	<a href="#">Gradient 1 Gradient 2</a>
		Wednesday		<a href="#">Gradient 1 Gradient 2</a>	<a href="#">Comparing gradients</a>
		Thursday		<a href="#">Comparing gradients</a>	<a href="#">Calculating the gradient</a>
		Friday		<a href="#">Calculating the gradient</a>	<a href="#">Finding the gradient between two points</a>
10/06/2024	A	Monday		<a href="#">Finding the gradient between two points</a>	<a href="#">Graphs written in the form <math>y=mx+c</math></a>
		Tuesday		<a href="#">Graphs written in the form <math>y=mx+c</math></a>	<a href="#">Recognising graphs written in the form <math>y=mx+c</math></a>
		Wednesday		<a href="#">Recognising graphs written in the form <math>y=mx+c</math></a>	<a href="#">Naming straight line graphs</a>
		Thursday		<a href="#">Naming straight line graphs</a>	<a href="#">Equations of lines</a>
		Friday		<a href="#">Equations of lines</a>	<a href="#">Finding the gradient and y-intercept from a drawn graph</a>
17/06/2024	B	Monday	Real life graphs	<a href="#">Finding the gradient and y-intercept from a drawn graph</a>	<a href="#">Understanding rate</a>
		Tuesday		<a href="#">Understanding rate</a>	<a href="#">Conversion rates</a>
		Wednesday		<a href="#">Conversion rates</a>	<a href="#">Exchange rates with graphs</a>
		Thursday		<a href="#">Exchange rates with graphs</a>	<a href="#">Density as a rate</a>
		Friday		<a href="#">Density as a rate</a>	<a href="#">Speed as rate</a>
24/06/2024	A	Monday		<a href="#">Speed as rate</a>	<a href="#">Distance time graphs lesson 1</a>
		Tuesday		<a href="#">Distance time graphs lesson 1</a>	<a href="#">Distance time graphs lesson 2</a>
		Wednesday		<a href="#">Distance time graphs lesson 2</a>	<a href="#">Plot simple quadratic equations</a>
		Thursday		<a href="#">Plot simple quadratic equations</a>	<a href="#">Plot other quadratic equations</a>
01/07/2024	B	Monday	Quadratic Graphs	<a href="#">Plot other quadratic equations</a>	<a href="#">Solving quadratics graphically</a>
		Tuesday		<a href="#">Solving quadratics graphically</a>	<a href="#">Identify and interpret roots of quadratics</a>
				<a href="#">Identify and interpret roots of quadratics</a>	<a href="#">Rectangles and triangles</a>

		Wednesday	<h1>Area Recap</h1>	<a href="#">Rectangles and triangles</a>	<a href="#">Compound shape</a>
		Thursday		<a href="#">Compound shape</a>	<a href="#">Circles</a>
		Friday		<a href="#">Circles</a>	<a href="#">Rectangles and triangles</a>
Enrichment week 8 <sup>th</sup> July to 12 <sup>th</sup> July					
15/07/2024	B	Monday		<a href="#">Finding lengths when you have the area</a>	<a href="#">Rectangles and triangles</a>
		Tuesday		<a href="#">Rectangles and triangles</a>	<a href="#">Compound shape</a>
		Wednesday		<a href="#">Compound shape</a>	<a href="#">Circles</a>
		Thursday		<a href="#">Circles</a>	<a href="#">Finding lengths when you have the area</a>
		Friday		<a href="#">Rectangles and triangles</a>	<a href="#">Compound shape</a>