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**
1	B	Monday	Angles and parallel lines	Angles in triangles	Angles in polygons
		Tuesday		Angles in polygons	Straight lines and angles at a point
		Wednesday		Straight lines and angles at a point	Angles in parallel lines
		Thursday		Angles in parallel lines	intersections
		Friday		intersections	Transversal angles
2	A	Monday		Transversal angles	Alternate and corresponding
		Tuesday		Alternate and corresponding	Finding missing angles
		Wednesday		Finding missing angles	Interior angle in a triangle
		Thursday		Interior angle in a triangle	Defining polygons
		Friday		Defining polygons	Building shapes from triangles
3	B	Monday		Building shapes from triangles	Building shape from triangles part 2
		Tuesday		Building shape from triangles part 2	Polygons and triangles
		Wednesday	Polygons recap	Polygons and triangles	Angles in polygons part 1
		Thursday		Angles in polygons part 1	Angles in polygons part 2
		Friday		Angles in polygons part 2	Finding missing angles in polygons
	A	Monday			

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

		Thursday	Area Recap	Compound shape	Circles
		Friday		Circles	Rectangles and triangles
12	B	Monday		Finding lengths when you have the area	Rectangles and triangles
		Tuesday		Rectangles and triangles	Compound shape
		Wednesday		Compound shape	Circles
		Thursday		Circles	Finding lengths when you have the area
		Friday		Rectangles and triangles	Compound shape