Remote Curriculum

Year 10 Maths: Higher

How it Works:

1. Find the correct week commencing row.
2. Find today`s day - There are up to 2/3 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**
24/2/2025	A	Monday	Multiplicative reasoning		
		Tuesday		Use and apply the speed formula	Use and apply the density formula
		Wednesday		Use and apply the density formula	Use and apply the pressure formula
		Thursday		Use and apply the pressure formula	Repeated percentage increase
		Friday		Repeated percentage increase	Repeated percentage decrease
3/3/2025	B	Monday		Repeated percentage decrease	Repeated percentage increase and decrease
		Tuesday		Repeated percentage increase and decrease	Solve problems with repeated percentage change
		Wednesday		Solve problems with repeated percentage change	Simple direct proportion y=kx
		Thursday		Simple direct proportion y=kx	Other direct proportion relationships
		Friday		Other direct proportion relationships	Inverse proportion
10/3/2025	A	Monday	Similarity and congruence	Inverse proportion	Further proportionality
		Tuesday		Identify and show shapes are similar	Finding missing lengths in similar shapes
		Wednesday		Finding missing lengths in similar shapes	Finding sides in shapes with sides overlapping
		Thursday		Finding sides in shapes with sides overlapping	Identify congruent shapes
		Friday		Identify congruent shapes	Enlargement with negative scale factor
17/3/2025	B	Monday		Enlargement with negative scale factor	Describe an enlargement with a negative scale factor
		Tuesday		Describe an enlargement with a negative scale factor	Find areas of similar shapes given corresponding lengths

			Graphs of functions including trigonometric functions		
17/3/2025	B	Wednesday		Find areas of similar shapes given corresponding lengths	Find volumes of similar shapes given lengths
		Thursday		Find volumes of similar shapes given lengths	Identify congruent shapes
		Friday		Plot simple quadratic equations	Plot other quadratic equations
24/3/2025	A	Monday		Plot other quadratic equations	Solving quadratic equations graphically
		Tuesday		Solving quadratic equations graphically	Identify and interpret roots, intercepts and turning points
		Wednesday		Identify and interpret roots, intercepts and turning points	Drawing quadratic graph a>1
		Thursday		Drawing quadratic graph a>1	Drawing cubic functions using tables
		Friday		Drawing cubic functions using tables	Sketching graphs of simple cubic fuctions given as three linear expressions
31/3/2025	B	Monday			Know the graphs of sin, cos and tan
		Tuesday		Know the graphs of sin, cos and tan	Recognise and sketch graphs of exponential functions
		Wednesday		Recognise and sketch graphs of exponential functions	Translations of graphs
		Thursday		Translations of graphs	Reflections of graphs
		Friday			