

# 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
1/1/2024	A	Monday	Inequalities	<a href="#">Representing inequalities on a number line</a> <a href="#">Solve one and two step inequalities</a> <a href="#">Solve inequalities with unknowns on both sides</a> <a href="#">Solving inequalities involving algebraic fractions</a>	<a href="#">Solve one and two step inequalities</a> <a href="#">Solve inequalities with unknowns on both sides</a> <a href="#">Solving inequalities involving algebraic fractions</a>
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
8/1/2024	B	Monday	<a href="#">Solving inequalities involving algebraic fractions</a> <a href="#">Representing inequalities on a coordinate grid</a> <a href="#">Representing inequalities on a coordinate grid 2</a> <a href="#">Shade in the region defined by several inequalities</a> <a href="#">Identify inequalities that make up a region</a>	<a href="#">Representing inequalities on a coordinate grid</a> <a href="#">Representing inequalities on a coordinate grid 2</a> <a href="#">Shade in the region defined by several inequalities</a> <a href="#">Identify inequalities that make up a region</a>	
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
15/1/2024	A	Monday	Probability	<a href="#">Venn diagrams and probability</a> <a href="#">Drawing Venn diagrams</a> <a href="#">Using Venn diagrams for conditional probability</a> <a href="#">Mixed questions with Venn diagrams</a> <a href="#">Listing outcomes in a sample space diagram</a>	<a href="#">Drawing Venn diagrams</a> <a href="#">Using Venn diagrams for conditional probability</a> <a href="#">Mixed questions with Venn diagrams</a> <a href="#">Listing outcomes in a sample space diagram</a>
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
22/1/2024	B	Monday	<a href="#">Listing outcomes in a sample space diagram</a> <a href="#">Calculate experimental probabilities</a> <a href="#">Find probabilities form Venn diagrams</a> <a href="#">Find probabilities form Venn diagrams</a>	<a href="#">Calculate experimental probabilities</a> <a href="#">Find probabilities form Venn diagrams</a>	
		Tuesday			

		Wednesday		<a href="#">Find probabilities from frequency trees</a>	<a href="#">Tree diagram for independent events</a>
		Thursday		<a href="#">Tree diagram for independent events</a>	<a href="#">Calculate probabilities of independent events</a>
		Friday		<a href="#">Calculate probabilities of independent events</a>	<a href="#">Draw tree diagrams for dependent events</a>
29/1/2024	A	Monday	Multiplicative Reasoning	<a href="#">Draw tree diagrams for dependent events</a>	<a href="#">Calculate probabilities of dependent events</a>
		Tuesday		<a href="#">Calculate probabilities of dependent events</a>	<a href="#">Conditional probability word problems</a>
		Wednesday		<a href="#">Conditional probability word problems</a>	<a href="#">Conditional probability two way tables</a>
		Thursday		<a href="#">Conditional probability two way tables</a>	<a href="#">Probability from a Venn diagram- 2 sets</a>
		Friday		<a href="#">Probability from a Venn diagram- 2 sets</a>	<a href="#">Probability from a Venn diagram- 3 sets</a>
5/2/2024	B	Monday		<a href="#">Probability from a Venn diagram- 3 sets</a>	<a href="#">Draw tree diagrams for dependent events</a>
		Tuesday		<a href="#">Ratios and fractions</a>	<a href="#">Compare costs using unitary method</a>
		Wednesday		<a href="#">Compare costs using unitary method</a>	<a href="#">Using direct proportion graphs</a>
		Thursday		<a href="#">Using direct proportion graphs</a>	<a href="#">Proportion problems</a>
		Friday		<a href="#">Proportion problems</a>	<a href="#">Use and apply the speed formula</a>
19/2/2024	A	Monday	Multiplicative reasoning	<a href="#">Use and apply the speed formula</a>	<a href="#">Use and apply the density formula</a>
		Tuesday		<a href="#">Use and apply the density formula</a>	<a href="#">Use and apply the pressure formula</a>
		Wednesday		<a href="#">Use and apply the pressure formula</a>	<a href="#">Repeated percentage increase</a>
		Thursday		<a href="#">Repeated percentage increase</a>	<a href="#">Repeated percentage decrease</a>
		Friday		<a href="#">Repeated percentage decrease</a>	<a href="#">Repeated percentage increase and decrease</a>
26/2/2024	B	Monday		<a href="#">Repeated percentage increase and decrease</a>	<a href="#">Solve problems with repeated percentage change</a>
		Tuesday		<a href="#">Solve problems with repeated percentage change</a>	<a href="#">Simple direct proportion <math>y=kx</math></a>
		Wednesday		<a href="#">Simple direct proportion <math>y=kx</math></a>	<a href="#">Other direct proportion relationships</a>
		Thursday		<a href="#">Other direct proportion relationships</a>	<a href="#">Inverse proportion</a>
		Friday		<a href="#">Inverse proportion</a>	<a href="#">Further proportionality</a>
4/3/2024	A	Monday	Similarity and congruence	<a href="#">Identify and show shapes are similar</a>	<a href="#">Finding missing lengths in similar shapes</a>
		Tuesday		<a href="#">Finding missing lengths in similar shapes</a>	<a href="#">Finding sides in shapes with sides overlapping</a>
		Wednesday		<a href="#">Finding sides in shapes with sides overlapping</a>	<a href="#">Identify congruent shapes</a>
		Thursday		<a href="#">Identify congruent shapes</a>	<a href="#">Enlargement with negative scale factor</a>
		Friday		<a href="#">Enlargement with negative scale factor</a>	<a href="#">Describe an enlargement with a negative scale factor</a>
11/3/2024	B	Monday		<a href="#">Describe an enlargement with a negative scale factor</a>	<a href="#">Find areas of similar shapes given corresponding lengths</a>
		Tuesday		<a href="#">Find areas of similar shapes given corresponding lengths</a>	<a href="#">Find volumes of similar shapes given lengths</a>
		Wednesday		<a href="#">Find volumes of similar shapes given lengths</a>	<a href="#">Identify congruent shapes</a>
		Thursday		<a href="#">Plot simple quadratic equations</a>	<a href="#">Plot other quadratic equations</a>
		Friday		<a href="#">Plot other quadratic equations</a>	<a href="#">Solving quadratic equations graphically</a>
18/3/2024	A	Monday	Graphs of functions including trigonometric functions	<a href="#">Solving quadratic equations graphically</a>	<a href="#">Identify and interpret roots, intercepts and turning points</a>
		Tuesday		<a href="#">Identify and interpret roots, intercepts and turning points</a>	<a href="#">Drawing quadratic graph <math>a&gt;1</math></a>
		Wednesday		<a href="#">Drawing quadratic graph <math>a&gt;1</math></a>	<a href="#">Drawing cubic functions using tables</a>
		Thursday		<a href="#">Drawing cubic functions using tables</a>	<a href="#">Sketching graphs of simple cubic functions given as three linear expressions</a>
		Friday		<a href="#">Sketching graphs of simple cubic functions given as three linear expressions</a>	<a href="#">Know the graphs of sin, cos and tan</a>
25/3/2024	B	Monday			<a href="#">Know the graphs of sin, cos and tan</a>

		Tuesday		<a href="#">Know the graphs of sin, cos and tan</a>	<a href="#">Recognise and sketch graphs of exponential functions</a>
		Wednesday		<a href="#">Recognise and sketch graphs of exponential functions</a>	<a href="#">Translations of graphs</a>
		Thursday		<a href="#">Translations of graphs</a>	<a href="#">Reflections of graphs</a>
		Friday			