

Remote Curriculum

Year 10 Maths: Higher



Ivybridge

COMMUNITY COLLEGE

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
5/1/2026	B	All Week	Percentages	Checking and securing understanding of percentage increase	Checking and securing understanding of percentage decrease
				Checking and securing understanding of percentage decrease	Percentage profit and loss
				Percentage profit and loss	Simple and compound interest
		Monday		Simple and compound interest	Simple interest calculations
		Tuesday		Simple interest calculations	Compound interest calculations
		Wednesday		Compound interest calculations	Calculating compound interest rates
		Thursday		Calculating compound interest rates	Changing compound interest rates
		Friday	Changing compound interest rates	Advanced problem solving with percentages	
19/1/2026	B	Monday	Probability	The scale of likelihoods	Experiments to determine how likely an outcome is
		Tuesday		Experiments to determine how likely an outcome is	Using lists to display outcomes for two events
		Wednesday		Using lists to display outcomes for two events	Using two-way tables to display outcomes for two events
		Thursday		Using two-way tables to display outcomes for two events	Using an outcome tree to display outcomes for two events
		Friday		Using an outcome tree to display outcomes for two events	Using a Venn diagram to display outcomes for two events

26/1/2026	A	Monday	Probability	Using a Venn diagram to display outcomes for two events	Comparing representations of outcomes for two events
		Tuesday		Comparing representations of outcomes for two events	Using lists to display outcomes for more than two events
		Wednesday		Using lists to display outcomes for more than two events	Using an outcome tree to display outcomes for more than two events
		Thursday		Using an outcome tree to display outcomes for more than two events	Using a Venn diagram to display outcomes for more than two events
		Friday		Using a Venn diagram to display outcomes for more than two events	Comparing representations of outcomes for more than two events
2/2/2026	B	Monday	Non Right-angled Trigonometry	Comparing representations of outcomes for more than two events	Problem solving with possible outcomes
		Tuesday		Checking and securing displaying outcomes	Checking and securing exhaustive events
		Wednesday		Checking and securing exhaustive events	Probabilities involving algebra
		Thursday		Probabilities involving algebra	Frequency trees
		Friday		Frequency trees	Checking and securing calculating probabilities from tables
9/2/2026	A	Monday		Checking and securing calculating probabilities from tables	Checking and securing calculating probabilities from diagrams
		Tuesday		Checking and securing calculating probabilities from diagrams	Experimental probability
		Wednesday		Experimental probability	Experimental vs theoretical probability
		Thursday		Checking and securing understanding of similar triangles	Checking and securing understanding of Pythagoras' theorem
		Friday		Checking and securing understanding of Pythagoras' theorem	The unit circle
23/2/2026	B	All Week	Basic Trigonometry	The unit circle	Scaling the right-angled triangle from the unit circle
				Scaling the right-angled triangle from the unit circle	Sine and cosine ratios
				Sine and cosine ratios	Tangent ratio
				Tangent ratio	Using the sine ratio
2/3/2026	A	Monday		Using the sine ratio	Using the cosine ratio
		Tuesday		Using the cosine ratio	Using the tangent ratio
		Wednesday		Using the tangent ratio	Choosing the right trigonometric ratio
		Thursday		Choosing the right trigonometric ratio	Choosing an appropriate method for finding lengths of a triangle
		Friday		Choosing an appropriate method for finding lengths of a triangle	Problem solving with trigonometry
9/3/2026	B	Monday	Non Right-angled Trigonometry	Checking and securing understanding of trigonometric ratios	Drawing the sine and cosine graphs
		Tuesday		Drawing the sine and cosine graphs	Drawing the tangent graph
		Wednesday		Drawing the tangent graph	Interpreting the trigonometric graphs
		Thursday		Interpreting the trigonometric graphs	The area of any triangle

		Friday		The area of any triangle	Calculating the area of any triangle when the height is not known
16/3/2026	A	Monday		Calculating the area of any triangle when the height is not known	The sine rule
		Tuesday		The sine rule	The cosine rule
		Wednesday		The cosine rule	Using the sine and cosine rules
		Thursday		Using the sine and cosine rules	Considering the appropriate trigonometric rule
		Friday		Checking and securing understanding of congruence and similarity	Checking and securing understanding of rotation
23/3/2026	B	Monday	Transformations	Checking and securing understanding of rotation	Checking and securing understanding of translation
		Tuesday		Checking and securing understanding of translation	Checking and securing understanding of reflection
		Wednesday		Checking and securing understanding of reflection	Checking and securing understanding of enlargement with positive integer scale factors
		Thursday		Checking and securing understanding of enlargement with positive integer scale factors	Checking and securing understanding of enlargement with positive fractional scale factors
		Friday		Checking and securing understanding of enlargement with positive fractional scale factors	Enlargement using a negative scale factor
30/3/2026	A	All Week		Enlargement using a negative scale factor	Describing a negative enlargement
				Describing a negative enlargement	Multiple transformations
				Multiple transformations	Identifying multiple transformations
				Identifying multiple transformations	Problem solving with further transformations