

Remote Curriculum

Year 11 Mathematics



Ivybridge
COMMUNITY COLLEGE

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	Foundation Hold ctrl and click		Higher Hold ctrl and click	
22/04/2025	B	Tuesday	0611 Powers and Roots	Indices	0550 Pythagoras 1	0551 Pythagoras 2
		Wednesday	Indices	Index Notation	0473 Pythagoras Theorem 1	0474 Pythagoras Theorem 2
		Thursday	0987 Laws of Indices for Multiplication	0987 Laws of Indices for Multiplication	1071 Pythagoras Theorem 3	1072 Pythagoras Theorem 4
		Friday	0988 Laws of Indices for Division	0988 Laws of Indices for Division	Right-Angled Trigonometry 1	Right-Angled Trigonometry 2
28/04/2025	A	Monday	0989 Zero and Negative Indices	0989 Zero and Negative Indices	Right-Angled Trigonometry 2	Right-Angled Trigonometry 3
		Tuesday	Know the Parts of a Circle	Know the Parts of a Circle	Trigonometry 1	Trigonometry 2
		Wednesday	Area of Circles	Area of Circles	Trigonometry 3	Trigonometry 4
		Thursday	Area and Circumference of Circles 1	Area and Circumference of Circles 1	Trigonometry 4	Trigonometry 5
		Friday	Circumference of Circles	Circumference of Circles	Circle Theorems 1	Angles at the Centre and Circumference
			Surface Area of Cylinders	Surface Area of Cylinders	Circle Theorems 2	Angles in a Semi-Circle

06/05/2025	B	Tuesday	Surface Area of Cylinders Volume 1	Volume 1 Solving 1-Step Linear Equations 1	Circle Theorems 3 Circle Theorems 4	Angles in the same Segment Angles in a Cyclic Quadrilateral
		Wednesday	Solving 1-Step Linear Equations 1	Expand Single Brackets 2	Circle Theorems 5	Tangent Perpendicular to Radii
		Thursday	Expand Single Brackets 2	X on Both Sides 1.1	Circle Theorems 6	The Alternate Segment Theory
		Friday	X on Both Sides 1.1	Solving Problems with Algebra 2		
12/05/2025	A	Monday	Solving Problems with Algebra 2	Pythagoras: Finding Right-Angled Triangles	0917 Cumulative Frequency Tables	Plot a Cumulative Frequency Graph
		Tuesday				
		Wednesday	Pythagoras: Finding Right-Angled Triangles	0550 Pythagoras 1	Cumulative Frequency: Interquartile Range	Quartiles from a Data Set
		Thursday	0550 Pythagoras 1	0551 Pythagoras 2	GCSE Cumulative Frequency Questions	GCSE Cumulative Frequency Solutions
		Friday	0551 Pythagoras 2	Pythagoras Exam Questions	Plot a Box Plot	Plot a Histogram
19/05/2025	B	Monday	Pythagoras Exam Questions	Trigonometry 1	GCSE Box Plots Questions 1	GCSE Box Plots Solutions 1
		Tuesday	Trigonometry 1	Trigonometry 2	GCSE Cumulative Frequency and Box Plots Questions	GCSE Cumulative Frequency and Box Plots Solutions
		Wednesday	Trigonometry 2	0788 Changing the Subject 1	Plot a Histogram	Find Frequency from a Histogram
		Thursday	0788 Changing the Subject 1	0951 Changing the Subject 2	Find Median from a Histogram	Probabilities from a Histogram
		Friday	0951 Changing the Subject 2	Rearrange and Solve Equations	Expand Single Brackets	Expand Single Brackets 2
02/06/2025	A	Monday	Rearrange and Solve Equations	Solve Simultaneous Equations 1	Expand Single Brackets 2	Expand Single Brackets 3
		Tuesday	Solve Simultaneous Equations 1	Solving Simultaneous Equations 2	0935 Expanding Double and Triple Brackets	0968 Expanding Double Brackets: a=1, a>1
		Wednesday	Solving Simultaneous Equations 2	Solve Simultaneous Equations 3		
		Thursday	Solve Simultaneous Equations 3	0197 Plot Straight Line Graphs from a Table of Values	0957 Quadratic Sequences 1	0969 Factorising Quadratics 1
		Friday	0197 Plot Straight Line Graphs from a Table of Values	Finding the Gradient 1	0969 Factorising Quadratics 1	0970 Factorising Quadratics 2

09/06/2025	B	Monday	Finding the Gradient 1	Finding the Gradient 2	0973 Solving Quadratics 1	0974 Solving Quadratics 2
		Tuesday	Finding the Gradient 2	0199 Finding the Gradient and y-intercept from a drawn graph	0788 Changing the Subject 1	0951 Changing the Subject 2
		Wednesday	0199 Finding the Gradient and y-intercept from a drawn graph	Comparing Ratio	Solving Problems with Algebra 2	Solving Problems with Algebra 3
		Thursday	Comparing Ratio	Ratio - Divide	GCSE Algebraic Fractions Questions 1	GCSE Algebraic Fractions Solutions 1
		Friday	Ratio - Divide	Dividing by Ratio 1	1039 Adding and Multiplying Surds	Adding Surds
16/06/2025	A	Monday	Dividing by Ratio 1	Ratio - Converting Units	GCSE Expanding and Factorising Quadratics Questions	GCSE Expanding and Factorising Quadratics Solutions
		Tuesday	Ratio - Converting Units	Ratio - Given the Difference 1	GCSE Solving Quadratics Questions	GCSE Solving Quadratics Solutions
		Wednesday	Ratio - Given the Difference 1	Ratio and Fractions	GCSE Quadratic Graphs Questions	GCSE Quadratic Graphs Solutions