

Remote Curriculum

Year 10 Mathematics: Higher



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	Topic	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
22/04/2025	B	Tuesday	<i>Collecting and representing data</i>	Designing questionnaires	Quartiles from list
		Wednesday		Sampling methods	Designing questionnaires
		Thursday		Stratified Sampling	Sampling methods
		Friday		Capture-recapture	Stratified Sampling
28/04/2025	A	Monday		Plot simple quadratic equations	Capture-recapture
		Tuesday		Cumulative frequency	Boxplots
		Wednesday		Finding quartiles	Cumulative frequency
		Thursday		Quartiles from list	Finding quartiles
		Friday		Boxplots	Quartiles from list
06/05/2025	B	Tuesday		Cumulative frequency	Boxplots
		Wednesday		Finding quartiles	Boxplots
		Thursday		Plot a histogram	Plot a histogram
		Friday	Find frequency from a histogram	Find frequency from a histogram	
				Finding median from histogram	Finding median from histogram
				Finding probability from a histogram	Finding probability from a histogram

12/05/2025	A	Monday	Collecting and representing data	Cumulative frequency	Cumulative frequency
		Tuesday		Finding quartiles	Finding quartiles
		Wednesday		Quartiles from list	Quartiles from list
		Thursday		Boxplots	Boxplots
		Friday		Plot a histogram	Plot a histogram
19/05/2025	B	Monday	Angles and Polygons	Find frequency from a histogram	Find frequency from a histogram
		Tuesday		Finding median from histogram	Finding median from histogram
		Wednesday		Finding probability from a histogram	Quartiles from list
		Thursday		Formal angle notation	Corresponding angles
		Friday		Corresponding angles	Alternate angles
02/06/2025	A	Monday	Angles and Polygons	Alternate angles	Co-interior angles
		Tuesday		Co-interior angles	Angles on parallel lines traversed by a straight line
		Wednesday		Angles on parallel lines traversed by a straight line	The sum of the interior angles of any triangle
		Thursday		The sum of the interior angles of any triangle	Using the sum of the interior angles of a triangle
		Friday		Using the sum of the interior angles of a triangle	Interior angles of a polygon
09/06/2025	B	Monday	Volume	Interior angles of a polygon	Deriving the sum of interior angles in multiple ways
		Tuesday		Deriving the sum of interior angles in multiple ways	Exterior angles of polygons
		Wednesday		Exterior angles of polygons	Interior and exterior angles of regular polygons
		Thursday		Volume of Cubes and Cuboids	Volume of Triangular Prisms
16/06/2025	A	Monday	Accuracy and Bounds	Volume of Triangular Prisms	Volume 3
		Tuesday		Volume 3	Prisms and Cylinders
		Wednesday		Prisms and Cylinders	Volume of Cylinders
		Thursday		Volume of Cylinders	Volume of Pyramids
		Friday		Volume of Pyramids	Volume of Cones
23/06/2025	B	Monday	Accuracy and Bounds	Volume of Cones	Volume of Hemisphere
		Tuesday		Volume of Hemisphere	Volume of Spheres
		Wednesday		Volume of Spheres	Volume of Composite Solids
		Thursday		Error Intervals 1	Error Intervals 2
30/06/2025	A	Monday	Accuracy and Bounds	Error Intervals 2	0510 Error Intervals
		Tuesday		0510 Error Intervals	Error Intervals and Significant Figures
		Wednesday		Error Intervals and Significant Figures	Bounds 1
		Thursday		Bounds 1	Bounds 2
		Friday		Bounds 2	Bounds 3
		Monday		Bounds 3	1146 Bounds Review
		Tuesday		Bounds 4	1144 Bounds Calculations 1
		Wednesday			
		Thursday			

14/07/2025	A	Monday	<i>Accuracy and bounds</i>	1144 Bounds Calculations 1	1143 Upper and Lower Bounds
		Tuesday		1145 Bounds Calculations 2	0979 Upper and Lower Bounds/Error Intervals
		Wednesday		0979 Upper and Lower Bounds/Error Intervals	Upper and Lower Bounds and Error Intervals
		Thursday		Upper and Lower Bounds and Error Intervals	1328 Calculations Using Error Bounds
		Friday		1328 Calculations Using Error Bounds	Calculating Using Error Bounds