

Remote Curriculum

Year 10 Mathematics, Sets 1, 2, 3 and 4



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 – 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;
 - b. 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
20/04/2026	B	Monday	<i>Shape and accuracy</i>	Checking and securing understanding of advanced angle facts	Checking and securing understanding on chains of reasoning with angle facts
		Tuesday		Checking and securing understanding on chains of reasoning with angle facts	Checking and securing understanding of polygons
		Wednesday		Checking and securing understanding of polygons	Checking and securing understanding of interior angles
		Thursday		Checking and securing understanding of interior angles	Forming equations with angles
		Friday		Forming equations with angles	Problem solving with angles
27/04/2026	A	Monday		Problem solving with angles	Checking and securing understanding of converting between metric and imperial measures

		Tuesday		Checking and securing understanding of converting between metric and imperial measures	Checking and securing understanding of scales and conversion
		Wednesday		Checking and securing understanding of scales and conversion	Checking and securing understanding of perimeter for compound shapes
		Thursday		Checking and securing understanding of perimeter for compound shapes	Checking and securing understanding of area for compound shapes
		Friday		Checking and securing understanding of area for compound shapes	Perimeter and area in a contextual setting
04/05/2026	B	Monday			
		Tuesday		Perimeter and area in a contextual setting	Calculating arc length
		Wednesday		Calculating arc length	Area of a sector
		Thursday		Area of a sector	Area of compound shapes
		Friday		Area of compound shapes	Shapes within shapes
11/05/2026	A	Monday		Shapes within shapes	Equations from complex shapes
		Tuesday		Equations from complex shapes	Shapes on coordinate grids
		Wednesday		Shapes on coordinate grids	Problem solving with complex 2D shapes
		Thursday		Problem solving with complex 2D shapes	Upper and lower bounds
		Friday		Upper and lower bounds	Upper and lower bounds in additive calculations
18/05/2026	B	Monday		Upper and lower bounds in additive calculations	Upper and lower bounds in multiplicative calculations
		Tuesday		Upper and lower bounds in multiplicative calculations	Using upper and lower bounds practically
		Wednesday		Using upper and lower bounds practically	Advanced problem solving with rounding, estimation and bounds
		Thursday		Advanced problem solving with rounding, estimation and bounds	Area of a sector
		Friday		Calculating arc length	Area of compound shapes
01/06/2026	A	Monday	<i>3D Shape</i>	Checking and securing understanding of nets of solids	Checking and securing understanding of volume of prisms
		Tuesday		Checking and securing understanding of volume of prisms	Checking and securing understanding of surface area of cuboids

		Wednesday		Checking and securing understanding of surface area of cuboids	Checking and securing understanding of surface area of other prisms
		Thursday		Checking and securing understanding of surface area of other prisms	Checking and securing understanding of volume of a cylinder
		Friday		Checking and securing understanding of volume of a cylinder	Checking and securing understanding of surface area of a cylinder
08/06/2026	B	Monday		Checking and securing understanding of surface area of a cylinder	The surface area of a pyramid
		Tuesday		The surface area of a pyramid	The surface area of a sphere
		Wednesday		The surface area of a sphere	The volume of a sphere
		Thursday		The volume of a sphere	The surface area of a cone
		Friday		The surface area of a cone	The volume of a cone
15/06/2026	A	Monday		The volume of a cone	Surface area of composite solids
		Tuesday		Checking understanding of scatter graphs	Checking understanding of correlation
		Wednesday		Checking understanding of correlation	Estimating from scatter graphs
		Thursday		Estimating from scatter graphs	Interpolation versus extrapolation
		Friday		Interpolation versus extrapolation	Outliers in scatter graphs
22/06/2026	B	Monday		Outliers in scatter graphs	Constructing time series graphs
		Tuesday		Constructing time series graphs	Interpreting time series graphs
		Wednesday		Interpreting time series graphs	Problem solving with scatter graphs and time series
		Thursday		Problem solving with scatter graphs and time series	Checking understanding of summary statistics from a list
		Friday		Checking understanding of summary statistics from a list	Checking understanding of summary statistics from a frequency table
29/06/2025	A	Monday		Checking understanding of summary statistics from a frequency table	Calculating summary statistics from a grouped frequency table
		Tuesday		Calculating summary statistics from a grouped frequency table	Calculating the mean from a grouped frequency table
		Wednesday		Calculating the mean from a grouped frequency table	Constructing stem and leaf diagrams
		Thursday		Constructing stem and leaf diagrams	Calculating summary statistics from stem and leaf diagrams
		Friday		Calculating summary statistics from stem and leaf diagrams	Checking understanding of measures of central tendency

Working with data

06/07/2026	B	Monday	Checking understanding of measures of central tendency	Comparing data sets in context
		Tuesday	Comparing data sets in context	Comparing various representations of data sets
		Wednesday	Comparing various representations of data sets	Problem solving with comparisons of numerical data
		Thursday	Problem solving with comparisons of numerical data	Constructing a cumulative frequency graph
		Friday	Constructing a cumulative frequency graph	Interpreting a cumulative frequency graph
13/07/2026	A	Monday	Interpreting a cumulative frequency graph	Constructing box plots
		Tuesday	Constructing box plots	Comparing box plots
		Wednesday	Comparing box plots	Interquartile range
		Thursday	Interquartile range	Histograms with equal bar width
		Friday	Histograms with equal bar width	Histograms with unequal bar width
20/07/2026	B	Monday	Histograms with unequal bar width	Moving between tables and histograms
		Tuesday	Moving between tables and histograms	Summary statistics from histograms
		Wednesday	Summary statistics from histograms	Problem solving with cumulative frequency and histograms