

Remote Curriculum

Year 9 Mathematics: Sets 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 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>Factors, multiples, primes, powers and roots</i>	Multiples and Factor Pairs	Identify Prime Numbers
		Wednesday		Identify Prime Numbers	Prime Factor Decomposition
		Thursday		Prime Factor Decomposition	Using Prime Factor Decomposition
		Friday		Using Prime Factor Decomposition	Simple LCM and HCF
28/04/2025	A	Monday		Simple LCM and HCF	Finding the LCM
		Tuesday		Finding the LCM	Finding the HCF
		Wednesday		Finding the HCF	Applying LCM and HCF
		Thursday		Applying LCM and HCF	Square and cube numbers
		Friday		Square and cube numbers	Square roots and cube roots
06/05/2025	B	Tuesday		Square roots and cube roots	Higher powers
		Wednesday		Higher powers	Higher roots
		Thursday		Higher roots	Multiply powers
		Friday	Multiply powers	Divide powers	
				Divide powers	Powers of powers
				Powers of powers	Manipulating powers

12/05/2025	A	Monday	<i>Indices and standard form</i>	Manipulating powers	Multiples and Factor Pairs
		Tuesday		Checking and securing understanding of roots and integer indices	The laws of indices - multiplication
		Wednesday		The laws of indices - multiplication	The laws of indices - division
		Thursday		The laws of indices - division	The laws of indices - raising a power to a power
		Friday		The laws of indices - raising a power to a power	The laws of indices - negative and zero exponents
19/05/2025	B	Monday		The laws of indices - negative and zero exponents	Problem solving with the laws of indices
		Tuesday		Problem solving with the laws of indices	Checking and securing understanding of writing large numbers in standard form
		Wednesday		Checking and securing understanding of writing large numbers in standard form	Checking and securing understanding of writing small numbers in standard form
		Thursday		Checking and securing understanding of writing small numbers in standard form	Adding numbers in standard form
		Friday		Adding numbers in standard form	Subtracting numbers in standard form
02/06/2025	A	Monday	<i>Indices and standard form</i>	Subtracting numbers in standard form	Multiplying numbers in standard form
		Tuesday		Multiplying numbers in standard form	Dividing numbers in standard form
		Wednesday		Dividing numbers in standard form	Problem solving with standard form calculations
		Thursday		Problem solving with standard form calculations	Problem solving with the laws of indices
		Friday	<i>Transformations</i>	Checking understanding of congruence	Rotation
09/06/2025	B	Monday		Rotation	Translation
		Tuesday		Translation	Reflection
		Wednesday		Reflection	Enlargement
		Thursday		Enlargement	Enlargement- fractional scale factors
		Friday		Enlargement- fractional scale factors	Multiple transformations

16/06/2025	A	Monday	<i>Equation of a straight line</i>	Multiple transformations	Identifying multiple transformations
		Tuesday		Identifying multiple transformations	problem solving with transformations
		Wednesday		Checking and securing understanding of plotting coordinates	Checking and securing understanding of plotting coordinates generated from a rule
		Thursday		Checking and securing understanding of plotting coordinates generated from a rule	Checking and securing understanding of plotting coordinates with technology
		Friday		Checking and securing understanding of plotting coordinates with technology	Checking and securing plotting a relationship
23/06/2025	B	Monday	Checking and securing plotting a relationship	Features of linear relationships	
		Tuesday	Features of linear relationships	Defining features of linear relationships	
		Wednesday	Defining features of linear relationships	Positive rate of change from a graph	
		Thursday	Positive rate of change from a graph Negative rate of change from a graph	Negative rate of change from a graph Rate of change from a coordinate pair	
30/06/2025	A	Monday	Rate of change from a coordinate pair	The intercept point	
		Tuesday	The intercept point	The equation of a straight line	
		Wednesday	The equation of a straight line	Finding the equation of the line $y = mx + c$	
		Thursday	Finding the equation of the line $y = mx + c$	Finding the equation of the line $ay + bx + c = 0$	
		Friday	Finding the equation of the line $ay + bx + c = 0$	Checking and securing understanding of plotting coordinates	
14/07/2025	A	Monday	Area and Perimeter Revision	Area and Perimeter of Compound Shapes (Rectangles)	Area of Triangles
		Tuesday		Area of Triangles (Part 1)	Area of Rectangles and Triangles
		Wednesday		Area of Triangles	Area of Rectangles, Parallelograms and Triangles
		Thursday		Area of Rectangles and Triangles	Area of Compound Shapes
		Friday		Area of Rectangles, Parallelograms and Triangles	Representing Ratio