

Remote Curriculum

Year 7 - Mathematics

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;
 - 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.



Ivybridge
COMMUNITY COLLEGE

Week Commencing	Week	Day	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
5/1/2026	B	All Week	Arithmetic with Fractions	Explain how to compare non-related fractions finding equivalent fractions with common denominators	Explain how to compare pairs of non-related fractions by comparing to a half
12/1/2026	A	Monday		Explain how to compare pairs of non-related fractions by comparing to a half	Explain how to compare pairs of non-related fractions using fraction sense
		Tuesday		Explain how to compare pairs of non-related fractions using fraction sense	Explain which strategy for comparing non-related fractions is most efficient
		Wednesday		Explain which strategy for comparing non-related fractions is most efficient	Order sets of non-related fractions using a range of strategies
		Thursday		Order sets of non-related fractions using a range of strategies	Explain how to multiply two unit fractions
		Friday		Explain how to multiply two unit fractions	Explain how to multiply two non-unit fractions
19/1/2026	B	Monday		Explain how to multiply two non-unit fractions	Explain how to divide a unit fraction by a whole number
		Tuesday		Explain how to divide a unit fraction by a whole number	Explain how to divide a non-unit fraction by a whole number
		Wednesday		Explain how to divide a non-unit fraction by a whole number	Checking understanding of addition and subtraction with fractions
		Thursday		Checking understanding of addition and subtraction with fractions	Securing understanding of addition and subtraction with fractions
		Friday		Securing understanding of addition and subtraction with fractions	Checking understanding of multiplication with fractions
				Checking understanding of multiplication with fractions	Securing understanding of multiplication with fractions
				Securing understanding of multiplication with fractions	Deepening understanding of multiplication with fractions

26/1/2026	A	Monday	Arithmetic with Fractions	Deepening understanding of multiplication with fractions	Checking and securing dividing a fraction by a whole number
		Tuesday		Checking and securing dividing a fraction by a whole number	Dividing a whole number by a fraction
		Wednesday		Dividing a whole number by a fraction	Dividing a fraction by a fraction
		Thursday		Dividing a fraction by a fraction	Priority of operations with positive and negative integers, decimals and fractions
		Friday		Priority of operations with positive and negative integers, decimals and fractions	Problem solving with arithmetic procedures involving fractions
2/2/2026	B	Monday	Algebraic Manipulation	Checking understanding of expressions and equations	Securing understanding of expressions and equations
		Tuesday		Securing understanding of expressions and equations	Representing a generalised number
		Wednesday		Representing a generalised number	Algebraic notation
		Thursday		Algebraic notation	Algebraic terminology
		Friday		Algebraic terminology	Representing an unknown or variable
9/2/2026	A	Monday		Representing an unknown or variable	Generalised algebraic statements
		Tuesday		Generalised algebraic statements	Substituting particular values
		Wednesday		Substituting particular values	Like terms
		Thursday		Like terms	Simplifying by collecting like terms
		Friday		Simplifying by collecting like terms	Multiplying an expression by a constant
23/2/2026	B	All Week	Algebraic Manipulation	Multiplying an expression by a constant	Multiplying an expression by a term
				Multiplying an expression by a term	Multiplying and simplifying with multiple expressions
				Multiplying and simplifying with multiple expressions	Simplifying before multiplying with multiple expressions
				Simplifying before multiplying with multiple expressions	Highest common factor with algebraic terms
2/3/2026	A	Monday	Co-ordinates	Checking understanding of plotting coordinates	Securing understanding of plotting coordinates
		Tuesday		Securing understanding of plotting coordinates	Plotting non-integer coordinates
		Wednesday		Plotting non-integer coordinates	Plotting coordinates generated from a rule
		Thursday		Plotting coordinates generated from a rule	Plotting coordinates generated from a rule using technology
		Friday		Plotting coordinates generated from a rule using technology	Plotting a relationship
9/3/2026	B	Monday		Plotting a relationship	Problem solving with plotting coordinates
		Tuesday		Problem solving with plotting coordinates	Checking and securing understanding of plotting coordinates
		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 understanding of plotting coordinates with technology

16/3/2026	A	Monday	Perimeter and Area	Checking understanding of perimeter and area	Securing understanding of perimeter and area
		Tuesday		Securing understanding of perimeter and area	Finding the perimeter of polygons
		Wednesday		Finding the perimeter of polygons	Calculating missing lengths with perimeter of polygons
		Thursday		Calculating missing lengths with perimeter of polygons	Perimeter with composite rectilinear shapes
		Friday		Perimeter with composite rectilinear shapes	Area of a triangle
23/3/2026	B	Monday		Area of a triangle	Using the formula for the area of a triangle
		Tuesday		Using the formula for the area of a triangle	Area of composite rectilinear shapes
		Wednesday		Area of composite rectilinear shapes	Calculating missing side lengths from the area of composite rectilinear shapes
		Thursday		Calculating missing side lengths from the area of composite rectilinear shapes	Area of a trapezium
		Friday		Area of a trapezium	Calculating missing side lengths from the area of a trapezium
30/3/2025	A	All Week		Calculating missing side lengths from the area of a trapezium	Problem solving with perimeter and area
		Problem solving with perimeter and area		Checking understanding of perimeter	
		Checking understanding of perimeter		Checking understanding of area	
		Checking understanding of area		Area of a triangle	