

Remote Curriculum

Year 7 - 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 – 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	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
6/1/2025	B	All Week	Arithmetic with Fractions	Equal Parts of a Whole	Equivalent Fractions
				Converting and Ordering Fractions and Decimals	Converting between Fractions and Decimals
				Introduction Comparing Fractions	Comparing Fractions (Part 1)
Comparing Fractions (Part 1)	Comparing Fractions (Part 2)				
Converting between Fractions and Decimals	Ordering Fractions				
Ordering Fractions	Ordering Negative Numbers				
Ordering Negative Numbers	Adding and Subtracting Fractions (Part 1)				
Adding and Subtracting Fractions (Part 1)	Adding and Subtracting Fractions (Part 2)				
Adding and Subtracting Fractions (Part 2)	Adding and Subtracting Fractions (Part 3)				
Fractions and Distributivity	Converting Mixed Numbers and Improper Fractions				
20/1/2025	B	Monday	Adding Fractions (Including Mixed Numbers)	Subtracting Fractions (including Mixed Numbers)	
		Tuesday	Converting Mixed Numbers and Improper Fractions	Multiplying Integers with Fractions (Part 1)	
		Wednesday	Multiplying Integers with Fractions (Part 2)	Using Area Models to Multiply Fractions	
		Thursday			
		Friday			

27/1/2025	A	Monday	Arithmetic with Fractions	Using an Area Model to Multiply Decimals and Percentages	Multiplying Fractions (including Mixed Numbers)
		Tuesday		Multiplying Fractions (including Mixed Numbers)	Dividing a Fraction by and Integer
		Wednesday		Dividing Fractions (Part 1)	Dividing Fractions (Part 2)
		Thursday		Dividing Fractions Summary)	Dividing Fractions with Mixed Numbers
		Friday		Reviewing Adding and Subtracting Fractions	Reviewing Multiplying and Dividing Fractions
3/2/2025	B	Monday	Algebraic Manipulation	Algebraic Expressions	Algebraic Notation
		Tuesday		Expressions and Variables	Constructing Expressions
		Wednesday		Substitute Positive Values into Expressions and Formulae	Substitute Negatives into Expressions and Formulae
		Thursday		Substitution Summary	Further Substitution Practice
		Friday		Collecting Like Terms	Collecting Like Terms 2
10/2/2025	A	Monday	Algebraic Manipulation	Index Laws with Algebra	Multiplying and Dividing Terms
		Tuesday		Distributivity and Expanding Brackets	Expanding Single Brackets
		Wednesday		Expand Single Brackets and Collect Like Terms	Factorising Expressions
		Thursday		Factorising Linear Expressions	Perimeter Expressions
		Friday		Forming and Exploring Equations	Exploring Equality
24/2/2025	B	All Week	Algebraic Manipulation	Forming and Solving Linear Equations Part 1	Forming and Solving Linear Equations Part 2
				Exploring Equality	Solving 1 Step Equations
				Solving 1 Step Equations	Solving 2 Step Equations
				Forming Equations	Solving Equations
3/3/2025	A	Monday	Co-ordinates and the Cartesian Plane	Co-ordinates	Line Segments
		Tuesday		Recognise and Plot Co-ordinates	Finding Midpoints
		Wednesday		Finding Midpoints	Solving Geometric Problems with Co-ordinates
		Thursday		Forming Shapes from Midpoints	Forming Shapes from Diagonals
		Friday		Forming Shapes from Diagonals	Co-ordinates Recap
10/3/2025	B	Monday	Co-ordinates and the Cartesian Plane	Co-ordinates Recap	Naming Straight Line Graphs
		Tuesday		Naming Straight Line Graphs	Plotting Straight Line Graphs
		Wednesday		Plotting Straight Line Graphs	Equations of Lines
		Thursday		Equations of Lines	Horizontal and Vertical Lines
		Friday		Horizontal and Vertical Lines	Exploring Horizontal and Vertical Lines

17/3/2025	A	Monday	Perimeter and Area	Polygons	Perimeter
		Tuesday		Perimeter	Classifying Triangles
		Wednesday		Classifying Triangles	Perimeter (2)
		Thursday		Perimeter (2)	Perimeter Compound Shapes
		Friday		Perimeter Compound Shapes	Perimeter Expressions
24/3/2025	B	Monday		Perimeter Expressions	Area Counting
		Tuesday		Array Models	Area Counting
		Wednesday		Quadrilaterals	Cutting and Combining Shapes
		Thursday		Cutting and Combining Shapes	Area and Perimeter of Compound Shapes (Rectangles)
		Friday		Area of Parallelograms	Area of Triangles (Part 1)
31/3/2025	A	All Week		Area of Triangles (Part 2)	Area of Triangles
				Area of Triangles	Area of Rectangles and Triangles
				Area of Rectangles and Triangles	Area of Rectangles, Parallelograms and Triangles
				Area of Rectangles, Parallelograms and Triangles	Area of Compound Shapes