

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
1/1/2024	A	Monday	Arithmetic with Fractions		
		Tuesday			
		Wednesday		Equal Parts of a Whole	Equivalent Fractions
		Thursday		Converting and Ordering Fractions and Decimals	Converting between Fractions and Decimals
		Friday		Introduction Comparing Fractions	Comparing Fractions (Part 1)
8/1/2024	B	Monday		Comparing Fractions (Part 1)	Comparing Fractions (Part 2)
		Tuesday		Converting between Fractions and Decimals	Ordering Fractions
		Wednesday		Ordering Fractions	Ordering Negative Numbers
		Thursday		Ordering Negative Numbers	Adding and Subtracting Fractions (Part 1)
		Friday		Adding and Subtracting Fractions (Part 1)	Adding and Subtracting Fractions (Part 2)
15/1/2024	A	Monday		Adding and Subtracting Fractions (Part 2)	Adding and Subtracting Fractions (Part 3)
		Tuesday		Fractions and Distributivity	Converting Mixed Numbers and Improper Fractions
		Wednesday		Adding Fractions (Including Mixed Numbers)	Subtracting Fractions (including Mixed Numbers)
		Thursday		Converting Mixed Numbers and Improper Fractions	Multiplying Integers with Fractions (Part 1)

		Friday		Multiplying Integers with Fractions (Part 2)	Using Area Models to Multiply Fractions	
22/1/2024	B	Monday		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	
29/1/2024	A	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	
5/2/2024	B	Monday		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	
February Half Term Holiday						
19/2/2024	A	Monday		Algebraic Manipulation		
		Tuesday	Forming and Solving Linear Equations Part 1		Forming and Solving Linear Equations Part 2	
		Wednesday	Exploring Equality		Solving 1 Step Equations	
		Thursday	Solving 1 Step Equations		Solving 2 Step Equations	
		Friday	Forming Equations		Solving Equations	
26/2/2024	B	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	
4/3/2024	A	Monday		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	

11/3/2024	B	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
18/3/2024	A	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)
25/3/2024	B	Monday		Area of Triangles (Part 2)	Area of Triangles
		Tuesday		Area of Triangles	Area of Rectangles and Triangles
		Wednesday		Area of Rectangles and Triangles	Area of Rectangles, Parallelograms and Triangles
		Thursday		Area of Rectangles, Parallelograms and Triangles	Area of Compound Shapes
		Friday			