

# 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 – 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	Lesson 2
6/1/2025	B	All Week	Indices, powers and roots Factors, multiples and primes	<a href="#">Factors and Primes</a>	<a href="#">Prime Factors</a>
13/1/2025	A	Monday		<a href="#">Square Numbers</a>	<a href="#">Powers and roots</a>
		Tuesday		<a href="#">Finding Common Multiples</a>	<a href="#">Finding Factors and multiples</a>
		Wednesday		<a href="#">Finding HCF and LCM</a>	<a href="#">Indices Introduction</a>
		Thursday	<a href="#">Prime Building Blocks</a>	<a href="#">Prime Factorisation</a>	
20/1/2025	B	Monday	<a href="#">Using Prime Factorisation to find Factors</a>	<a href="#">Factors and HCF</a>	
		Tuesday	<a href="#">HCF and Prime Factors</a>	<a href="#">Lowest Common Multiple</a>	
		Wednesday	<a href="#">LCM and Prime Factors</a>	<a href="#">Using Venn diagrams to find HCF and LCM</a>	
		Thursday	<a href="#">Expressing Powers in Different Bases</a>	<a href="#">Laws of Indices</a>	
		Friday	<a href="#">Fractional Indices</a>	<a href="#">Negative Indices</a>	
27/1/2025	A	Monday	Decimals, Integers and Place Value	<a href="#">Multiplying and Dividing by Powers of 10</a>	<a href="#">Multiplying and dividing integers</a>
		Tuesday		<a href="#">Multiplying and dividing decimals</a>	<a href="#">Order of operations</a>
		Wednesday	Algebra – the basics	<a href="#">Rounding</a>	<a href="#">Rounding to decimal places</a>
		Thursday		<a href="#">Rounding to Significant Figures</a>	<a href="#">Estimation</a>
		Friday		<a href="#">Algebraic Expressions</a>	<a href="#">Algebraic Notation</a>
		<a href="#">Algebraic Notation</a>	<a href="#">Expressions and Variables</a>		
		<a href="#">Expressions and Variables</a>	<a href="#">Constructing Expressions</a>		

3/2/2025	B	Monday	Algebra – the basics	<a href="#">Constructing Expressions</a>	<a href="#">Collecting Like Terms</a>
		Tuesday		<a href="#">Collecting Like Terms</a>	<a href="#">Collecting Like Terms 2</a>
		Wednesday		<a href="#">Collecting Like Terms 2</a>	<a href="#">Index Laws with Algebra</a>
		Thursday		<a href="#">Substitute Positive Values into Expressions and Formulae</a>	<a href="#">Substitute Negatives into Expressions and Formulae</a>
		Friday		<a href="#">Substitute Negatives into Expressions and Formulae</a>	<a href="#">Substitution Summary</a>
10/2/2025	A	Monday	Expressions and Substitution	<a href="#">Substitution Summary</a>	<a href="#">Further Substitution Practice</a>
		Tuesday		<a href="#">Further Substitution Practice</a>	<a href="#">Multiplying and Dividing Terms</a>
		Wednesday		<a href="#">Multiplying and Dividing Terms</a>	<a href="#">Distributivity and Expanding Brackets</a>
		Thursday		<a href="#">Distributivity and Expanding Brackets</a>	<a href="#">Expanding Single Brackets</a>
		Friday		<a href="#">Expanding Single Brackets</a>	<a href="#">Expand Single Brackets and Collect Like Terms</a>
24/2/2025	B	All Week		<a href="#">Forming and Exploring Equations</a>	<a href="#">Exploring Equality</a>
				<a href="#">Exploring Equality</a>	<a href="#">Forming and Solving Linear Equations Part 1</a>
				<a href="#">Forming and Solving Linear Equations Part 1</a>	<a href="#">Forming and Solving Linear Equations Part 2</a>
				<a href="#">Forming and Solving Linear Equations Part 2</a>	<a href="#">Solving 1 Step Equations</a>
3/3/2025	A	Monday	Equations and Inequalities	<a href="#">Solving 1 Step Equations</a>	<a href="#">Solving 2 Step Equations</a>
		Tuesday		<a href="#">Solving 2 Step Equations</a>	<a href="#">Forming Equations</a>
		Wednesday		<a href="#">Forming Equations</a>	<a href="#">Solving Equations</a>
		Thursday		<a href="#">Solving Equations</a>	<a href="#">Solving with unknowns on both sides</a>
		Friday		<a href="#">Solving with unknowns on both sides</a>	<a href="#">Solving equations with brackets</a>
10/3/2025	B	Monday		<a href="#">Solving equations with brackets</a>	<a href="#">Solving equations with brackets and fractions</a>
		Tuesday		<a href="#">Solving equations with brackets and fractions</a>	<a href="#">Representing inequalities on a numberline</a>
		Wednesday		<a href="#">Representing inequalities on a numberline</a>	<a href="#">Solve one and two step inequalities</a>
		Thursday		<a href="#">Solve one and two step inequalities</a>	<a href="#">Solving inequalities with unknowns on both sides</a>
		Friday		<a href="#">Solving inequalities with unknowns on both sides</a>	<a href="#">Solving inequalities with algebraic fractions</a>
17/3/2025	A	Monday	Tables, charts, graphs and pie charts	<a href="#">Data Collection</a>	<a href="#">Bar charts</a>
		Tuesday		<a href="#">Bar charts</a>	<a href="#">Composite and multiple bar charts</a>
		Wednesday		<a href="#">Composite and multiple bar charts</a>	<a href="#">pictograms</a>
		Thursday		<a href="#">pictograms</a>	<a href="#">Finding averages from a list of numbers</a>
		Friday		<a href="#">Finding averages from a list of numbers</a>	<a href="#">Stem and leaf</a>

24/3/2025	B	Monday	Tables, charts, graphs and pie charts	<a href="#">Stem and leaf</a>	<a href="#">Mean from frequency table</a>
		Tuesday		<a href="#">Mean from frequency table</a>	<a href="#">Mean from grouped frequency table</a>
		Wednesday		<a href="#">Mean from grouped frequency table</a>	<a href="#">Interpret timetables and distance tables</a>
		Thursday		<a href="#">Interpret timetables and distance tables</a>	<a href="#">Design and interpret two way tables</a>
		Friday		<a href="#">Design and interpret two way tables</a>	<a href="#">Plot and interpret time series</a>
31/3/2023	A	All Week		<a href="#">Plot and interpret time series</a>	<a href="#">Pie charts</a>
				<a href="#">Pie charts</a>	<a href="#">Draw and interpret a frequency tree</a>
				<a href="#">Draw and interpret a frequency tree</a>	<a href="#">Plot and interpret time series</a>
				<a href="#">Stem and leaf</a>	<a href="#">Pie charts</a>