

Remote Curriculum

Year 9 – Mathematics: Sets 1 and 2



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 and radicals	Indices power of zero
				Indices powers of zero	Laws of indices
				Laws of indices	Fractional Indices part 1
13/1/2025	A	Monday	Calculations, estimation, Indices, roots, reciprocal, Bidmas	Fractional Indices part 1	Fractional Indices part 2
		Tuesday		Fractional Indices part 2	Negative indices
		Wednesday		Negative indices	Significant figures 1
		Thursday		Significant figures 1	Significant figures 2
		Friday		Significant figures 2	Estimation
20/1/2025	B	Monday	Factors, multiples, primes, standard form and surds	Powers of 10	Sorting large numbers
		Tuesday		Sorting large numbers	Multiplying and dividing in standard form
		Wednesday		Multiplying and dividing in standard form	Addition and subtraction in standard form
		Thursday		Addition and subtraction in standard form	Mixed problems in standard form
		Friday		Mixed problems in standard form	Introduction to surds

27/1/2025	A	Monday	Factors, multiples, primes, standard form and surds	Introduction to surds	Surds and triangles
		Tuesday		Surds and triangles	Manipulating surds
		Wednesday		Collecting like terms	Distributivity and expanding
		Thursday		Distributivity and expanding	Factorising
		Friday		Factorising	Forming and exploring equations
3/2/2025	B	Monday	Algebra - basics and equations	Forming and exploring equations	Forming and solving linear equations 1
		Tuesday		Forming and solving linear equations 1	Forming and solving linear equations 2
		Wednesday		Forming and solving linear equations 2	Substitution - positive terms
		Thursday		Substitution - positive terms	Substitution - negative term
		Friday		Substitution - negative term	Changing the subject of the formula
10/2/2025	A	Monday	Algebra - basics and equations	Changing the subject of the formula	Changing the subject - squares and roots
		Tuesday		Changing the subject - squares and roots	Factorise a quadratic
		Wednesday		Factorise a quadratic	Change the subject where the unknown appears twice
		Thursday		Change the subject where the unknown appears twice	Factorise a quadratic - difference of two squares
		Friday		Factorise a quadratic - difference of two squares	Solve a quadratic
24/2/2025	B	All Week	Sequences	Generalising sequences	The nth term rule
				The nth term rule	Write the nth term of a linear sequence
				Write the nth term of a linear sequence	Finding terms of a linear sequence
				Finding terms of a linear sequence	Triangular and linear style sequences
				Triangular and linear style sequences	Simple quadratic and cubic sequences
3/3/2025	A	Monday	Representing and interpreting data, scatter graphs	Simple quadratic and cubic sequences	Growth pattern sequences
		Tuesday		Interpreting bar charts	Pie charts
		Wednesday		Pie charts	Stem and leaf
		Thursday		Stem and leaf	Scatter graphs
		Friday		Scatter graphs	Univariate and bivariate data
10/3/2025	B	Monday	Representing and interpreting data, scatter graphs	Univariate and bivariate data	Correlation
		Tuesday		Correlation	Line of best fit
		Wednesday		Line of best fit	Data in tables
		Thursday		Data in tables	Choosing the right graph
		Friday		Choosing the right graph	Comparing data
17/3/2025	A	Monday	Fractions, ratio and Proportion	Comparing data	Sampling
		Tuesday		Comparing data	Sampling
		Wednesday		Equivalent fractions	Comparing fractions 1
		Thursday		Comparing fractions 1	Comparing fractions 2
		Friday		Comparing fractions 2	Multiplying fractions 1

24/3/2025	B	Monday	Fractions, ratio and Proportion	Multiplying fractions 1	Multiplying fractions 2
		Tuesday		Multiplying fractions 2	Dividing fractions 1
		Wednesday		Dividing fractions 1	Dividing fractions 2
		Thursday		Dividing fractions 2	Adding and subtracting Fractions 1
		Friday		Adding and subtracting Fractions 1	Adding and subtraction fractions 2
31/3/2025	A	All Week		Adding and subtraction fractions 2	Adding and subtracting fractions 3
				Adding and subtracting fractions 3	Dividing into a ratio
				Dividing into a ratio	Finding the original amount
				Finding the original amount	Ratio problems