

Remote Curriculum

Year 8 Maths

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.

If you don't recognise the work, it appears too difficult or the link doesn't load;

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
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	Lesson	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
7/09/26	A	Monday	<i>Estimation and Rounding</i>	Checking understanding of rounding	Securing understanding of rounding
		Tuesday		Securing understanding of rounding	Rounding to three decimal places
		Wednesday		Rounding to three decimal places	Rounding to any number of decimal places
		Thursday		Rounding to any number of decimal places	Rounding integers to one significant figure
		Friday		Rounding integers to one significant figure	Rounding integers to significant figures
14/09/26	B	Monday		Rounding integers to significant figures	Rounding decimals to significant figures
		Tuesday		Rounding decimals to significant figures	Degrees of accuracy
		Wednesday		Degrees of accuracy	Estimating numerical calculations
		Thursday		Estimating numerical calculations	Checking by estimating
		Friday		Checking by estimating	Truncating
21/09/26	A	Monday		Truncating	Overestimating vs underestimating
		Tuesday		Overestimating vs underestimating	Rounding errors

		Wednesday		Rounding errors	Inequality notation to express error
		Thursday		Inequality notation to express error	Using inequality notation for errors in calculations
		Friday		Using inequality notation for errors in calculations	Problem solving with estimation and rounding
28/09/26	B	Monday		Problem solving with estimation and rounding	Rounding integers to one significant figure
		Tuesday		Rounding integers to one significant figure	Rounding integers to significant figures
		Wednesday		Rounding integers to significant figures	Rounding decimals to significant figures
		Thursday		Rounding decimals to significant figures	Degrees of accuracy
		Friday		Degrees of accuracy	Estimating numerical calculations
05/10/26	A	Monday		Checking understanding of sequences	Securing understanding of sequences
		Tuesday		Securing understanding of sequences	Formalising a sequence
		Wednesday		Formalising a sequence	Generating a sequence using a term-to-term rule
		Thursday		Generating a sequence using a term-to-term rule	Generating a sequence using a position-to-term rule
		Friday		Generating a sequence using a position-to-term rule	Arithmetic sequences
12/10/26	B	Monday	Sequences	Arithmetic sequences	Expressing an arithmetic sequence
		Tuesday		Expressing an arithmetic sequence	Calculating any term
		Wednesday		Calculating any term	Finding the nth term
		Thursday		Finding the nth term	Representing sequences graphically
		Friday		Representing sequences graphically	Justifying terms of a sequence
29/10/26	A	Monday		Justifying terms of a sequence	Problem solving with sequences
		Tuesday		Problem solving with sequences	Arithmetic sequences
		Wednesday		Calculating any term	Expressing an arithmetic sequence
		Thursday		Finding the nth term	Calculating any term
		Friday		Representing sequences graphically	Finding the nth term
02/11/26	B	Monday	Graphical Representations	Checking and securing understanding of plotting coordinates	Checking and securing understanding of plotting coordinates generated from a rule
		Tuesday		Checking and securing understanding of plotting coordinates generated from a rule	Checking and securing understanding of plotting coordinates with technology
		Wednesday		Checking and securing understanding of plotting coordinates with technology	Checking and securing plotting a relationship

		Thursday		Checking and securing plotting a relationship	Features of linear relationships
		Friday		Features of linear relationships	Defining features of linear relationships
09/11/26	A	Monday		Defining features of linear relationships	Positive rate of change from a graph
		Tuesday		Positive rate of change from a graph	Negative rate of change from a graph
		Wednesday		Negative rate of change from a graph	Rate of change from a coordinate pair
		Thursday		Rate of change from a coordinate pair	The intercept point
		Friday		The intercept point	The equation of a straight line
16/11/26	B	Monday		The equation of a straight line	Finding the equation of the line $y = mx + c$
		Tuesday		Finding the equation of the line $y = mx + c$	Finding the equation of the line $ay + bx + c = 0$
		Wednesday		Finding the equation of the line $ay + bx + c = 0$	Using dynamic software to explore linear relationships
		Thursday		Using dynamic software to explore linear relationships	Problem solving with graphing linear relationships
		Friday		Problem solving with graphing linear relationships	The equation of a straight line
23/11/26	A	Monday	Solving Linear Equations	Checking understanding of algebraic notation	Securing understanding of equality
		Tuesday		Securing understanding of equality	Different types of equations
		Wednesday		Different types of equations	Equality in an equation
		Thursday		Equality in an equation	Solution to an equation
		Friday		Solution to an equation	Many equations, one solution
30/12/26	B	Monday		Many equations, one solution	Solving simple linear equations with an additive step
		Tuesday		Solving simple linear equations with an additive step	Solving simple linear equations with a multiplicative step
		Wednesday		Solving simple linear equations with a multiplicative step	Preparing to solve two step linear equations
		Thursday		Preparing to solve two step linear equations	Solving two step linear equations
		Friday		Solving two step linear equations	Rearranging to solve linear equations
07/12/26	A	Monday		Rearranging to solve linear equations	Solving complex linear equations

		Tuesday		Solving complex linear equations	Brackets in equations
		Wednesday		Brackets in equations	Solving linear equations where brackets are used
		Thursday		Solving linear equations where brackets are used	Solving complex linear equations involving brackets
		Friday		Solving complex linear equations involving brackets	Solving linear equations graphically using technology
14/12/26	B	Monday		Solving linear equations graphically using technology	Problem solving with linear equations
		Tuesday		Problem solving with linear equations	Preparing to solve two step linear equations
		Wednesday		Different types of equations	Solving two step linear equations
		Thursday		Equality in an equation	Rearranging to solve linear equations
		Friday		Solution to an equation	Solving complex linear equations