

Remote Curriculum

Year 10 Foundation 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	Numbers, powers and roots	Checking and securing understanding of converting between fractions and decimals	Checking and securing understanding of calculating with fractions and decimals
		Tuesday		Checking and securing understanding of calculating with fractions and decimals	Checking and securing understanding of prime factorisation
		Wednesday		Checking and securing understanding of prime factorisation	Checking and securing understanding of LCM and HCF
		Thursday		Checking and securing understanding of LCM and HCF	Checking and securing understanding of roots and integer indices
		Friday		Checking and securing understanding of roots and integer indices	Checking and securing understanding of calculations involving negative numbers
14/09/26	B	Monday		Checking and securing understanding of calculations involving negative numbers	The laws of indices - multiplication
		Tuesday		The laws of indices - multiplication	The laws of indices - division
		Wednesday		The laws of indices - division	The laws of indices - raising a power to a power
		Thursday		The laws of indices - raising a power to a power	The laws of indices - negative and zero exponents

		Friday		The laws of indices - negative and zero exponents	Problem solving with the laws of indices
21/09/26	A	Monday	Indices and Standard form	Checking and securing understanding of roots and integer indices	The laws of indices - multiplication
		Tuesday		The laws of indices - multiplication	The laws of indices - division
		Wednesday		The laws of indices - division	The laws of indices - raising a power to a power
		Thursday		The laws of indices - raising a power to a power	The laws of indices - negative and zero exponents
		Friday		The laws of indices - negative and zero exponents	Problem solving with the laws of indices
28/09/26	B	Monday		Problem solving with the laws of indices	Checking and securing understanding of writing large numbers in standard form
		Tuesday		Checking and securing understanding of writing large numbers in standard form	Checking and securing understanding of writing small numbers in standard form
		Wednesday		Checking and securing understanding of writing small numbers in standard form	Adding numbers in standard form
		Thursday		Adding numbers in standard form	Subtracting numbers in standard form
		Friday		Subtracting numbers in standard form	Multiplying numbers in standard form
05/10/26	A	Monday		Multiplying numbers in standard form	Dividing numbers in standard form
		Tuesday		Dividing numbers in standard form	Problem solving with standard form calculations
		Wednesday		Problem solving with standard form calculations	Problem solving with the laws of indices
		Thursday	Sequences	Checking understanding of arithmetic sequences	Securing understanding of arithmetic sequences
		Friday		Securing understanding of arithmetic sequences	Features of geometric sequences
12/10/26	B	Monday		Features of geometric sequences	Recognising geometric sequences
		Tuesday		Recognising geometric sequences	Representing geometric sequences graphically
		Wednesday		Representing geometric sequences graphically	Features of special number sequences
		Thursday		Features of special number sequences	Recognising special number sequences
		Friday		Checking and securing understanding of simplifying	Checking and securing understanding of substitution
19/10/26	A	Monday	Algebraic Manipulation	Checking and securing understanding of substitution	Further algebraic terminology
		Tuesday		Further algebraic terminology	Checking and securing understanding of expanding a single bracket
		Wednesday		Checking and securing understanding of expanding a single bracket	Checking and securing understanding of factorising

		Thursday		Checking and securing understanding of factorising	Checking and securing understanding of forming linear equations
		Friday		Checking and securing understanding of forming linear equations	Checking and securing understanding of solving and interpreting linear equations
02/11/26	B	Monday		Checking and securing understanding of solving and interpreting linear equations	Checking and securing understanding of changing the subject
		Tuesday		Checking and securing understanding of changing the subject	Checking and securing understanding of the product of two binomials
		Wednesday		Checking and securing understanding of the product of two binomials	Factorising a quadratic expression
		Thursday		Factorising a quadratic expression	Factorising using the difference of two squares
		Friday		Factorising using the difference of two squares	Solving quadratic equations by factorising
09/11/26	A	Monday		Solving quadratic equations by factorising	Problem solving with algebraic manipulation
		Tuesday		Checking and securing understanding of interpreting graphs	Forming simultaneous equations
		Wednesday		Forming simultaneous equations	Combining equations
		Thursday		Combining equations	Solving simultaneous equations by elimination from a context
		Friday		Solving simultaneous equations by elimination from a context	Solving algebraic simultaneous equations by elimination
16/11/26	B	Monday	Simultaneous Equations	Solving algebraic simultaneous equations by elimination	Solving more complex simultaneous equations by elimination
		Tuesday		Solving more complex simultaneous equations by elimination	Solving simultaneous linear equations by substitution
		Wednesday		Solving simultaneous linear equations by substitution	Solving simultaneous linear equations graphically
		Thursday		Solving simultaneous linear equations graphically	Solving simultaneous equations via any method
		Friday		Solving simultaneous equations via any method	Problem solving with simultaneous equations
23/11/26	A	Monday		Problem solving with simultaneous equations	Solving more complex simultaneous equations by elimination
		Tuesday		Checking understanding of multiplication with fractions	Securing understanding of multiplication with fractions

		Wednesday	Arithmetic with Fractions	Securing understanding of multiplication with fractions	Deepening understanding of multiplication with fractions
		Thursday		Deepening understanding of multiplication with fractions	Checking and securing dividing a fraction by a whole number
		Friday		Checking and securing dividing a fraction by a whole number	Dividing a whole number by a fraction
30/11/26	B	Monday		Dividing a whole number by a fraction	Dividing a fraction by a fraction
		Tuesday		Dividing a fraction by a fraction	Priority of operations with positive and negative integers, decimals and fractions
		Wednesday		Priority of operations with positive and negative integers, decimals and fractions	Problem solving with arithmetic procedures involving fractions
		Thursday		Checking understanding of multiplication with fractions	Securing understanding of multiplication with fractions
		Friday		Securing understanding of multiplication with fractions	Deepening understanding of multiplication with fractions
07/12/26	A	Monday		Deepening understanding of multiplication with fractions	Checking and securing dividing a fraction by a whole number
		Tuesday		Checking and securing dividing a fraction by a whole number	Dividing a whole number by a fraction
		Wednesday	Percentages recap.	Checking and securing understanding of finding a percentage	Checking and securing understanding of percentage increase
		Thursday		Checking and securing understanding of percentage increase	Checking and securing understanding of percentage decrease
		Friday		Checking and securing understanding of percentage decrease	Percentage profit and loss
14/12/26	B	Monday		Percentage profit and loss	Simple and compound interest
		Tuesday		Checking and securing understanding of finding a percentage	Checking and securing understanding of percentage increase
		Wednesday		Checking and securing understanding of percentage increase	Checking and securing understanding of percentage decrease
		Thursday		Checking and securing understanding of percentage decrease	Percentage profit and loss
		Friday		Percentage profit and loss	Simple and compound interest

