

# Remote Curriculum

## Year 11 Foundation Maths



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.

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.

Week Commencing	Week	Lesson	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
9/09/24	B	Monday	<i>Indices and standard form</i>	<a href="#">Checking and securing understanding of roots and integer indices</a>	<a href="#">The laws of indices - multiplication</a>
		Tuesday		<a href="#">The laws of indices - multiplication</a>	<a href="#">The laws of indices - division</a>
		Wednesday		<a href="#">The laws of indices - division</a>	<a href="#">The laws of indices - raising a power to a power</a>
		Thursday		<a href="#">The laws of indices - raising a power to a power</a>	<a href="#">The laws of indices - negative and zero exponents</a>
		Friday		<a href="#">The laws of indices - negative and zero exponents</a>	<a href="#">Problem solving with the laws of indices</a>
16/09/24	A	Monday		<a href="#">Problem solving with the laws of indices</a>	<a href="#">Checking and securing understanding of writing large numbers in standard form</a>
		Tuesday		<a href="#">Checking and securing understanding of writing large numbers in standard form</a>	<a href="#">Checking and securing understanding of writing small numbers in standard form</a>
		Wednesday		<a href="#">Checking and securing understanding of writing small numbers in standard form</a>	<a href="#">Adding numbers in standard form</a>
		Thursday		<a href="#">Adding numbers in standard form</a>	<a href="#">Subtracting numbers in standard form</a>
		Friday		<a href="#">Subtracting numbers in standard form</a>	<a href="#">Multiplying numbers in standard form</a>

23/09/24	B	Monday	<i>2D and 3D shape</i>	<a href="#">Multiplying numbers in standard form</a>	<a href="#">Dividing numbers in standard form</a>
		Tuesday		<a href="#">Dividing numbers in standard form</a>	<a href="#">Problem solving with standard form calculations</a>
		Wednesday		<a href="#">Problem solving with standard form calculations</a>	<a href="#">Problem solving with the laws of indices</a>
		Thursday		<a href="#">Checking and securing understanding of converting between metric and imperial measures</a>	<a href="#">Checking and securing understanding of scales and conversion</a>
		Friday		<a href="#">Checking and securing understanding of scales and conversion</a>	<a href="#">Checking and securing understanding of perimeter for standard shapes</a>
30/09/24	A	Monday	<a href="#">Checking and securing understanding of perimeter for standard shapes</a>	<a href="#">Checking and securing understanding of perimeter for compound shapes</a>	
		Tuesday	<a href="#">Checking and securing understanding of perimeter for compound shapes</a>	<a href="#">Checking and securing understanding of area for standard shapes</a>	
		Wednesday	<a href="#">Checking and securing understanding of area for standard shapes</a>	<a href="#">Checking and securing understanding of area for compound shapes</a>	
		Thursday	<a href="#">Checking and securing understanding of area for compound shapes</a>	<a href="#">Perimeter and area in a contextual setting</a>	
		Friday	<a href="#">Perimeter and area in a contextual setting</a>	<a href="#">Checking and securing understanding of circles</a>	
7/10/24	B	Monday	<a href="#">Checking and securing understanding of circles</a>	<a href="#">Calculating arc length</a>	
		Tuesday	<a href="#">Calculating arc length</a>	<a href="#">Area of a sector</a>	
		Wednesday	<a href="#">Area of a sector</a>	<a href="#">Area of compound shapes</a>	
		Thursday	<a href="#">Area of compound shapes</a>	<a href="#">Problem solving with 2D shapes</a>	
		Friday	<a href="#">Problem solving with 2D shapes</a>	<a href="#">Volume of Cubes and Cuboids</a>	
14/10/24	A	Monday	<a href="#">Volume of Cubes and Cuboids</a>	<a href="#">Finding the Volume of Triangular Prisms</a>	
		Tuesday	<a href="#">Finding the Volume of Triangular Prisms</a>	<a href="#">Finding the Surface Area of Cubes and Cuboids</a>	
		Wednesday	<a href="#">Finding the Surface Area of Cubes and Cuboids</a>	<a href="#">Finding the Surface Area of Triangular Prisms</a>	
		Thursday	<a href="#">Finding the Surface Area of Triangular Prisms</a>	<a href="#">Volume and surface area of a pyramid</a>	
		Friday	<a href="#">Volume and surface area of a pyramid</a>	<a href="#">Volume and surface area of a cone</a>	
21/10/24	B	Monday	<a href="#">Volume and surface area of a cone</a>	<a href="#">Volume and surface area of a sphere</a>	
		Tuesday	<a href="#">Volume and surface area of a sphere</a>	<a href="#">Volume and surface area of composite solids</a>	
		Wednesday	<a href="#">Volume and surface area of composite solids</a>	<a href="#">Checking and securing understanding of circles</a>	
		Thursday	<a href="#">Checking and securing understanding of circles</a>	<a href="#">Calculating arc length</a>	
		Friday	<a href="#">Calculating arc length</a>	<a href="#">Area of a sector</a>	

4/11/24	A	Monday		<a href="#">Checking understanding of similarity</a>	<a href="#">Checking understanding of congruence</a>	
		Tuesday		<a href="#">Checking understanding of congruence</a>	<a href="#">Similarity in shapes</a>	
		Wednesday		<a href="#">Similarity in shapes</a>	<a href="#">Congruence in shapes</a>	
		Thursday		<a href="#">Congruence in shapes</a>	<a href="#">Congruent, similar or neither</a>	
		Friday		<a href="#">Congruent, similar or neither</a>	<a href="#">Rotational symmetry</a>	
11/11/24	B	Monday	<i>Similarity and Congruence</i>	<a href="#">Rotational symmetry</a>	<a href="#">Congruent triangles (SSS)</a>	
		Tuesday		<a href="#">Congruent triangles (SSS)</a>	<a href="#">Congruent triangles (SAS)</a>	
		Wednesday		<a href="#">Congruent triangles (SAS)</a>	<a href="#">Congruent triangles (ASA and AAS)</a>	
		Thursday		<a href="#">Congruent triangles (ASA and AAS)</a>	<a href="#">Congruent triangles (RHS)</a>	
		Friday		<a href="#">Congruent triangles (RHS)</a>	<a href="#">Applying the criteria for congruence</a>	
18/11/24	A	Monday		<a href="#">Applying the criteria for congruence</a>	<a href="#">Problem solving with similarity</a>	
		Tuesday		<i>Pythagoras Recap</i>	<a href="#">Demonstrating Pythagoras' theorem</a>	<a href="#">Length of the hypotenuse</a>
		Wednesday			<a href="#">Length of the hypotenuse</a>	<a href="#">Length of a shorter side</a>
		Thursday			<a href="#">Length of a shorter side</a>	<a href="#">Determining which side</a>
		Friday			<a href="#">Determining which side</a>	<a href="#">Pythagoras' theorem in context</a>
Monday	<a href="#">Pythagoras' theorem in context</a>	<a href="#">Problem solving with similarity and Pythagoras' theorem</a>				
25/11/24	B	Tuesday		<a href="#">Problem solving with similarity and Pythagoras' theorem</a>	<a href="#">Problem solving with similarity and Pythagoras' theorem</a>	
		Wednesday		<a href="#">Length of the hypotenuse</a>	<a href="#">Length of a shorter side</a>	
		Thursday		<a href="#">Prime Factor Decomposition</a>	<a href="#">Using Prime Factor Decomposition</a>	
		Friday		<a href="#">Using Prime Factor Decomposition</a>	<a href="#">Simple LCM and HCF</a>	
		Monday		<i>HCF and LCM Recap</i>	<a href="#">Simple LCM and HCF</a>	<a href="#">Finding the LCM</a>
Tuesday	<a href="#">Finding the LCM</a>	<a href="#">Finding the HCF</a>				
Wednesday	<a href="#">Finding the HCF</a>	<a href="#">Applying LCM and HCF</a>				
Thursday	<a href="#">Applying LCM and HCF</a>	<a href="#">Square and cube numbers</a>				

		Friday		<a href="#">Prime Factor Decomposition</a>	<a href="#">Square roots and cube roots</a>
9/12/24	B	Monday	Vectors	<a href="#">Translate and describe an object given a horizontal or vertical instruction</a>	<a href="#">Translate and describe a 2D vector</a>
		Tuesday		<a href="#">Translate and describe a 2D vector</a>	<a href="#">Represent a column vector as a diagram and using notation</a>
		Wednesday		<a href="#">Represent a column vector as a diagram and using notation</a>	<a href="#">Write a column vector from a diagram</a>
		Thursday		<a href="#">Write a column vector from a diagram</a>	<a href="#">Add two column vectors (including diagrams) to give a resultant vector</a>
		Friday		<a href="#">Add two column vectors (including diagrams) to give a resultant vector</a>	<a href="#">Add and subtract two column vectors to give a resultant vector (Part 1)</a>
16/12/24	B	Monday		<a href="#">Add and subtract two column vectors to give a resultant vector (Part 1)</a>	<a href="#">Multiply a vector by a scalar</a>
		Tuesday		<a href="#">Multiply a vector by a scalar</a>	<a href="#">Add and subtract two column vectors to give a resultant vector (Part 2)</a>
		Wednesday		<a href="#">Add and subtract two column vectors to give a resultant vector (Part 2)</a>	<a href="#">Write a column vector from a diagram</a>
		Thursday		<a href="#">Write a column vector from a diagram</a>	<a href="#">Add two column vectors (including diagrams) to give a resultant vector</a>
		Friday		<a href="#">Add two column vectors (including diagrams) to give a resultant vector</a>	<a href="#">Multiply a vector by a scalar</a>

