

# Remote Curriculum

## Year 10 Maths: Foundation

### How it Works:

1. Find the correct week commencing row.
2. Find today's day - There are up to 3 different lessons in each day and GCSE Examination Resources – you won't run out of work.
3. Chose a lesson – hold ctrl and click the chosen link.
  - a. If you don't recognise the work, it appears too difficult or it 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	Week	Lesson	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click	Lesson 3 Hold ctrl and click
1	A	Monday	Indices	<a href="#">Indices</a>	<a href="#">Laws of Indices</a>	<a href="#">Index Notation</a>
		Tuesday		<a href="#">Laws of Indices</a>	<a href="#">Index Notation</a>	<a href="#">Index Laws</a>
		Wednesday		<a href="#">Index Notation</a>	<a href="#">0987 Laws of Indices for Multiplication</a>	<a href="#">0988 Laws of Indices for Division</a>
		Thursday		<a href="#">Index Laws</a>	<a href="#">0988 Laws of Indices for Division</a>	<a href="#">Indices and Power of Zero</a>
		Friday		<a href="#">0987 Laws of Indices for Multiplication</a>	<a href="#">0988 Laws of Indices for Division</a>	<a href="#">0989 Zero and Negative Indices</a>
2	B	Monday	Straight Line Graphs	<a href="#">0988 Laws of Indices for Division</a>	<a href="#">0989 Zero and Negative Indices</a>	<a href="#">Negative Indices</a>
				<a href="#">GCSE Questions: Indices</a>	<a href="#">GCSE Questions: Negative and Fractional Indices</a>	
		Tuesday		<a href="#">Coordinates Recap</a>	<a href="#">Horizontal and Vertical Lines</a>	<a href="#">0461 Recognise, Name and Plot Lines Parallel to the Axes</a>
		Wednesday		<a href="#">Horizontal and Vertical Lines</a>	<a href="#">0461 Recognise, Name and Plot Lines Parallel to the Axes</a>	<a href="#">0197 Plot Straight Line Graphs from a Table of Values</a>
		Thursday		<a href="#">0461 Recognise, Name and Plot Lines Parallel to the Axes</a>	<a href="#">0462 Plotting Straight Line Graphs from a Table</a>	<a href="#">Finding the Gradient 1</a> <a href="#">Finding the Gradient 2</a>
		Friday		<a href="#">0197 Plot Straight Line Graphs from a Table of Values</a>	<a href="#">0198 Finding the Gradient Between Two Points</a>	<a href="#">0199 Finding the Gradient and y-intercept from a drawn graph</a>
3	A	Monday		<a href="#">Finding the Gradient 1</a>	<a href="#">Comparing Gradients</a>	<a href="#">0378 Find the Equation of a Line 1</a>

		Tuesday		<a href="#">Linear and Non-Linear Graphs</a>	<a href="#">0379 Find the Equation of a Line 2</a>	<a href="#">0467 Find the Equation of Straight-Line Graphs</a>		
		Wednesday		<a href="#">1140 Equation of a Straight Line 1</a>	<a href="#">1141 Equation of a Straight Line 2</a>	<a href="#">1142 Equation of a Straight Line 3</a>		
		Thursday		$y = mx + c$	<a href="#">0466 Sketching Straight Line Graphs from <math>y = mx + c</math></a>	<a href="#">Naming Straight Line Graphs</a>		
		Friday		<a href="#">Equations of Lines</a>	<a href="#">Equivalent Lines</a>	<a href="#">Find the Equation of a Line Through Given Points</a>		
				<a href="#">GCSE Questions: Linear Graphs 1</a>	<a href="#">GCSE Questions: Drawing Linear Graphs 2</a>			
4	B	Monday	Transformations	<a href="#">Coordinates Recap</a>	<a href="#">Coordinates 2</a>	<a href="#">Rotation</a>		
		Tuesday		<a href="#">Coordinates 2</a>	<a href="#">Rotation</a>	<a href="#">Rotate an Object around a Given Point</a>		
		Wednesday		<a href="#">Rotation</a>	<a href="#">Rotate an Object around a Given Point</a>	<a href="#">Rotate and Object around a Given Coordinate</a>		
		Thursday		<a href="#">Rotate an Object around a Given Point</a>	<a href="#">Rotate and Object around a Given Coordinate</a>	<a href="#">Reflection</a>		
		Friday		<a href="#">Rotate and Object around a Given Coordinate</a>	<a href="#">Reflection</a>	<a href="#">Multiple Reflections</a>		
5	A	Monday	Transformations	<a href="#">Reflection</a>	<a href="#">Multiple Reflections</a>	<a href="#">Enlargements</a>		
		Tuesday		<a href="#">Enlargements</a>	<a href="#">Enlarge an Object with a Positive Scale Factor</a>	<a href="#">Enlarge an Object with a Negative Scale Factor</a>		
		Wednesday		<a href="#">Enlarge an Object with a Positive Scale Factor</a>	<a href="#">Enlarge an Object with a Negative Scale Factor</a>	<a href="#">Enlargements and Area</a>		
		Thursday		<a href="#">Enlarge an Object with a Negative Scale Factor</a>	<a href="#">Enlargements and Area</a>	<a href="#">Translation</a>		
		Friday		<a href="#">Translation</a>	<a href="#">Combining Translations and Reflections</a>	<a href="#">Describe an Object Translated in a Given Vector</a>		
6	B	Monday	Transformations	<a href="#">Describe an Object Translated in a Given Vector</a>	<a href="#">Translate and Describe a 2D Vector</a>	<a href="#">Represent a Column Vector as a Diagram Using Notation</a>		
		Tuesday		<a href="#">Translate and Describe a 2D Vector</a>	<a href="#">Represent a Column Vector as a Diagram Using Notation</a>	<a href="#">Write a Column Vector from a Diagram</a>		
		Wednesday		<a href="#">Add Two Column Vectors</a>	<a href="#">Write a Column Vector from a Diagram</a>	<a href="#">Add and Subtract Two Column Vectors 1</a>		
		Thursday			<a href="#">Add and Subtract Two Column Vectors 1</a>	<a href="#">Add and Subtract Two Column Vectors 2</a>		
		Friday		<a href="#">Mixed Transformations</a>	<a href="#">Add and Subtract Two Column Vectors 2</a>	<a href="#">Multiply Vectors by a Scalar</a>		
				<a href="#">GCSE: Rotation 1</a> <a href="#">GCSE: Rotation 2</a>	<a href="#">GCSE: Reflection 1</a> <a href="#">GCSE: Reflection 2</a>	<a href="#">GCSE: Translation 1</a> <a href="#">GCSE: Translation 2</a>	<a href="#">GCSE: Enlargement 1</a> <a href="#">GCSE: Enlargement 2</a>	<a href="#">GCSE: Mixed Transformations</a>
7	A	Monday	Ratio	<a href="#">Simplifying Ratio</a>	<a href="#">Ratio - Simplify</a>	<a href="#">Equivalent Ratio</a>		
		Tuesday		<a href="#">Ratio - Simplify</a>	<a href="#">Equivalent Ratio</a>	<a href="#">Comparing Ratio</a>		
		Wednesday		<a href="#">Equivalent Ratio</a>	<a href="#">Comparing Ratio</a>	<a href="#">Ratio - Divide</a>		
		Thursday		<a href="#">Comparing Ratio</a>	<a href="#">Ratio - Divide</a>	<a href="#">Dividing by Ratio 1</a>		
		Friday		<a href="#">Ratio - Divide</a>	<a href="#">Dividing by Ratio 1</a>	<a href="#">Dividing by Ratio 2</a>		
8	B	Monday		<a href="#">Dividing by Ratio 1</a>	<a href="#">Dividing by Ratio 2</a>	<a href="#">Ratio - Converting Units</a>		

		Tuesday		<a href="#">Dividing by Ratio 2</a>	<a href="#">Ratio - Converting Units</a>	<a href="#">Ratio - Known Difference</a>
		Wednesday		<a href="#">Ratio - Converting Units</a>	<a href="#">Ratio - Known Difference</a>	<a href="#">Ratio - Given the Difference 1</a>
		Thursday		<a href="#">Ratio - Known Difference</a>	<a href="#">Ratio - Given the Difference 1</a>	<a href="#">Ratio - Given the Difference 2</a>
		Friday		<a href="#">Ratio - Given the Difference 1</a>	<a href="#">Ratio - Given the Difference 2</a>	<a href="#">Ratio and Fractions</a>
9	A	Monday		<a href="#">Ratio - Problem Solving</a>	<a href="#">Ratio and Fractions</a>	<a href="#">Ratio and Fractions</a>
			<a href="#">GCSE: Writing Ratio</a>	<a href="#">GCSE: Sharing in Ratio</a>	<a href="#">GCSE: Ratio and Fractions</a>	<a href="#">GCSE: Ratio Problem Solving</a>
		Tuesday		<a href="#">Forming Simple Equations</a>	<a href="#">Form and Solve Equations 1</a>	<a href="#">Form and Solve Equations 2</a>
		Wednesday		<a href="#">Solving 1-Step Linear Equations 1</a>	<a href="#">Solving 1-Step Linear Equations 2</a>	
		Thursday		<a href="#">Expand Single Brackets</a>	<a href="#">Expand Single Brackets 2</a>	<a href="#">Expand Single Brackets 3</a>
		Friday		<a href="#">Expand Single Brackets 2</a>	<a href="#">Expand and Solve Brackets</a>	
10	B	Monday	Algebra Revision	<a href="#">Solving 2-Step Linear Equations 1</a>	<a href="#">Solving 2-Step Linear Equations 2</a>	<a href="#">Solving 2-Step Linear Equations 3</a>
		Tuesday		<a href="#">X on Both Sides 1</a>	<a href="#">X on Both Sides 2</a>	<a href="#">X on Both Sides 3</a>
		Wednesday		<a href="#">Solving Problems with Algebra 1</a>	<a href="#">Solving Problems with Algebra 2</a>	<a href="#">Solving Problems with Algebra 3</a>
		Thursday		<a href="#">Substituting into Equations</a>	<a href="#">Substituting into Equations 2</a>	<a href="#">Substituting into Equations 3</a>
		Friday		<a href="#">Substituting into Equations</a>	<a href="#">Substituting into Equations 2</a>	<a href="#">Substituting into Equations 3</a>