

Remote Curriculum

Year 10 Maths: Foundation

How it Works:

- Find the correct week commencing row.
- 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.
- Chose a lesson – hold ctrl and click the chosen link.
 - If you don't recognise the work, it appears too difficult or it doesn't load;
 - Try another task – look at the previous/next lesson or look at other days.
- Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
- Complete any starter quizzes.
 - Write your answer down
 - Mark your answers and write down any corrections
- Watch the videos and take notes.
- Pause if/when instructed to do so to answer questions or respond.
- Complete and go onto the next one.

Week Commencing	Week	Lesson	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click	Lesson 3 Hold ctrl and click
2/10/23	A	Monday	Indices	Indices	Laws of Indices	Index Notation
		Tuesday		Laws of Indices	Index Notation	Index Laws
		Wednesday		Index Notation	0987 Laws of Indices for Multiplication	0988 Laws of Indices for Division
		Thursday		Index Laws	0988 Laws of Indices for Division	Indices and Power of Zero
		Friday		0987 Laws of Indices for Multiplication	0988 Laws of Indices for Division	0989 Zero and Negative Indices
9/10/23	B	Monday	Straight Line Graphs	0988 Laws of Indices for Division	0989 Zero and Negative Indices	Negative Indices
		Tuesday		GCSE Questions: Indices	GCSE Questions: Negative and Fractional Indices	0461 Recognise, Name and Plot Lines Parallel to the Axes
		Wednesday		Coordinates Recap	Horizontal and Vertical Lines	0197 Plot Straight Line Graphs from a Table of Values
		Thursday		Horizontal and Vertical Lines	0461 Recognise, Name and Plot Lines Parallel to the Axes	0197 Plot Straight Line Graphs from a Table of Values
		Friday		0461 Recognise, Name and Plot Lines Parallel to the Axes	0462 Plotting Straight Line Graphs from a Table	Finding the Gradient 1 Finding the Gradient 2
16/10/23	A	Monday		0197 Plot Straight Line Graphs from a Table of Values	0198 Finding the Gradient Between Two Points	0199 Finding the Gradient and y-intercept from a drawn graph
				Finding the Gradient 1	Comparing Gradients	0378 Find the Equation of a Line 1

		Tuesday		Linear and Non-Linear Graphs	0379 Find the Equation of a Line 2	0467 Find the Equation of Straight-Line Graphs
		Wednesday		1140 Equation of a Straight Line 1	1141 Equation of a Straight Line 2	1142 Equation of a Straight Line 3
		Thursday		y = mx + c	0466 Sketching Straight Line Graphs from y = mx + c	Naming Straight Line Graphs
		Friday		Equations of Lines	Equivalent Lines	Find the Equation of a Line Through Given Points
30/10/23	B		Transformations	GCSE Questions: Linear Graphs 1	GCSE Questions: Drawing Linear Graphs 2	
		Monday		Coordinates Recap	Coordinates 2	Rotation
		Tuesday		Coordinates 2	Rotation	Rotate an Object around a Given Point
		Wednesday		Rotation	Rotate an Object around a Given Point	Rotate and Object around a Given Coordinate
		Thursday		Rotate an Object around a Given Point	Rotate and Object around a Given Coordinate	Reflection
6/11/23	A	Friday		Rotate and Object around a Given Coordinate	Reflection	Multiple Reflections
		Monday		Reflection	Multiple Reflections	Enlargements
		Tuesday		Enlargements	Enlarge an Object with a Positive Scale Factor	Enlarge an Object with a Negative Scale Factor
		Wednesday		Enlarge an Object with a Positive Scale Factor	Enlarge an Object with a Negative Scale Factor	Enlargements and Area
		Thursday		Enlarge an Object with a Negative Scale Factor	Enlargements and Area	Translation
13/11/23	B	Friday		Translation	Combining Translations and Reflections	Describe an Object Translated in a Given Vector
		Monday		Describe an Object Translated in a Given Vector	Translate and Describe a 2D Vector	Represent a Column Vector as a Diagram Using Notation
		Tuesday		Translate and Describe a 2D Vector	Represent a Column Vector as a Diagram Using Notation	Write a Column Vector from a Diagram
		Wednesday		Add Two Column Vectors	Write a Column Vector from a Diagram	Add and Subtract Two Column Vectors 1
		Thursday			Add and Subtract Two Column Vectors 1	Add and Subtract Two Column Vectors 2
		Friday		Mixed Transformations	Add and Subtract Two Column Vectors 2	Multiply Vectors by a Scalar
				GCSE: Rotation 1 GCSE: Rotation 2	GCSE: Reflection 1 GCSE: Reflection 2	GCSE: Translation 1 GCSE: Translation 2
20/11/23	A		Ratio	GCSE: Translation 1 GCSE: Translation 2	GCSE: Enlargement 1 GCSE: Enlargement 2	GCSE: Mixed Transformations
		Monday		Simplifying Ratio	Ratio - Simplify	Equivalent Ratio
		Tuesday		Ratio - Simplify	Equivalent Ratio	Comparing Ratio
		Wednesday		Equivalent Ratio	Comparing Ratio	Ratio - Divide
		Thursday		Comparing Ratio	Ratio - Divide	Dividing by Ratio 1
27/11/23	B	Friday		Ratio - Divide	Dividing by Ratio 1	Dividing by Ratio 2
		Monday		Dividing by Ratio 1	Dividing by Ratio 2	Ratio - Converting Units
		Tuesday		Dividing by Ratio 2	Ratio - Converting Units	Ratio - Known Difference
		Wednesday		Ratio - Converting Units	Ratio - Known Difference	Ratio - Given the Difference 1

		Thursday		Ratio - Known Difference	Ratio - Given the Difference 1	Ratio - Given the Difference 2
		Friday		Ratio - Given the Difference 1	Ratio - Given the Difference 2	Ratio and Fractions
		Monday		Ratio - Problem Solving	Ratio and Fractions	Ratio and Fractions
			GCSE: Writing Ratio	GCSE: Sharing in Ratio	GCSE: Ratio and Fractions	GCSE: Ratio Problem Solving
4/12/23	A	Tuesday		Forming Simple Equations	Form and Solve Equations 1	
		Wednesday		Solving 1-Step Linear Equations 1	Solving 1-Step Linear Equations 2	Form and Solve Equations 2
		Thursday		Expand Single Brackets	Expand Single Brackets 2	
		Friday		Expand Single Brackets 2	Expand and Solve Brackets	Expand Single Brackets 3
11/12/23	B	Monday	Algebra Revision	Solving 2-Step Linear Equations 1	Solving 2-Step Linear Equations 2	Solving 2-Step Linear Equations 3
		Tuesday		X on Both Sides 1	X on Both Sides 2	X on Both Sides 3
		Wednesday		Solving Problems with Algebra 1	Solving Problems with Algebra 2	Solving Problems with Algebra 3
		Thursday		Substituting into Equations	Substituting into Equations 2	Substituting into Equations 3
		Friday		Substituting into Equations	Substituting into Equations 2	Substituting into Equations 3