

Out of Classroom Curriculum - Year 10 Maths (Foundation)

1. Find the correct week commencing row.
2. Find today's day - There are up to 3 different lessons in each day – 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 the link 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 the question down
 - b. Write your answer down
 - c. Mark your answers and write down any corrections (using your purple pen)
6. Watch the videos and take notes in your learning booklet.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and move onto the next lesson

Week	Lesson	Title	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click	Lesson 3 Hold ctrl and click
1	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
2	Monday	Straight Line Graphs	0988 Laws of Indices for Division	0989 Zero and Negative Indices	Negative Indices
			GCSE Questions: Indices	GCSE Questions: Negative and Fractional Indices	
	Tuesday		Coordinates Recap	Horizontal and Vertical Lines	0461 Recognise, Name and Plot Lines Parallel to the Axes
	Wednesday		Horizontal and Vertical Lines	0461 Recognise, Name and Plot Lines Parallel to the Axes	0197 Plot Straight Line Graphs from a Table of Values
	Thursday		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
	Friday		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
3	Monday		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
4			GCSE Questions: Linear Graphs 1	GCSE Questions: Drawing Linear Graphs 2	
	Monday	Transformations	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
	Friday		Rotate and Object around a Given Coordinate	Reflection	Multiple Reflections
			Reflection	Multiple Reflections	Enlargements
5	Monday	Transformations	Enlargements	Enlarge an Object with a Positive Scale Factor	Enlarge an Object with a Negative Scale Factor
	Tuesday		Enlarge an Object with a Positive Scale Factor	Enlarge an Object with a Negative Scale Factor	Enlargements and Area
	Wednesday		Enlarge an Object with a Negative Scale Factor	Enlargements and Area	Translation
	Thursday		Translation	Combining Translations and Reflections	Describe an Object Translated in a Given Vector
	Friday		Describe an Object Translated in a Given Vector	Translate and Describe a 2D Vector	Represent a Column Vector as a Diagram Using Notation
6	Monday	Transformations	Translate and Describe a 2D Vector	Represent a Column Vector as a Diagram Using Notation	Write a Column Vector from a Diagram
	Tuesday		Add Two Column Vectors	Write a Column Vector from a Diagram	Add and Subtract Two Column Vectors 1
	Wednesday		Add Two Column Vectors	Add and Subtract Two Column Vectors 1	Add and Subtract Two Column Vectors 2
	Thursday			Add and Subtract Two Column Vectors 2	Multiply Vectors by a Scalar
	Friday		Mixed Transformations	Add and Subtract Two Column Vectors 2	Multiply Vectors by a Scalar
7	Monday	Ratio	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
	Friday		Ratio - Divide	Dividing by Ratio 1	Dividing by Ratio 2

Additional Content		Ratio - Problem Solving	Ratio and Fractions
	GCSE: Writing Ratio	GCSE: Sharing in Ratio	GCSE: Ratio and Fractions
	Algebra Revision	Forming Simple Equations	Form and Solve Equations 1
		Solving 1-Step Linear Equations 1	Solving 1-Step Linear Equations 2
		Expand Single Brackets	Expand Single Brackets 2
		Expand Single Brackets 2	Expand and Solve Brackets