

Remote Curriculum

Year 11 Maths Foundation

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
7/09/26	A	Monday	Vectors	Checking and securing understanding of translations	Column vectors
		Tuesday		Column vectors	Parallel vectors
		Wednesday		Parallel vectors	Addition with vectors
		Thursday		Subtraction with vectors	Multiplication with vectors
		Friday		Multiplication with vectors	Fluency in arithmetic procedures with vectors
14/09/26	B	Monday	Angles	Fluency in arithmetic procedures with vectors	Problem solving with vectors
		Tuesday		Checking and securing understanding of angle notation and drawing/measuring angles	Checking and securing understanding of basic angle facts
		Wednesday		Checking and securing understanding of basic angle facts	Checking and securing understanding of advanced angle facts
		Thursday		Checking and securing understanding of advanced angle facts	Checking and securing understanding on chains of reasoning with angle facts
		Friday		Checking and securing understanding on chains of reasoning with angle facts	Checking and securing understanding of properties of shapes

21/09/26	A	Monday		Checking and securing understanding of properties of shapes	Checking and securing understanding of polygons
		Tuesday		Checking and securing understanding of polygons	Checking and securing understanding of interior angles
		Wednesday		Checking and securing understanding of interior angles	Checking and securing understanding of exterior angles
		Thursday		Checking and securing understanding of exterior angles	Forming equations with angles
		Friday		Checking and securing understanding of simplifying and unitising ratios	Checking and securing understanding of equivalent ratios
28/09/26	B	Monday	Ratio recap	Checking and securing understanding of equivalent ratios	Checking and securing understanding of sharing in a ratio
		Tuesday		Checking and securing understanding of sharing in a ratio	Checking and securing understanding of converting between ratios, percentages and fractions
		Wednesday		Checking and securing understanding of converting between ratios, percentages and fractions	Checking and securing understanding of real world ratios
		Thursday		Checking and securing understanding of real world ratios	Combining ratios
		Friday		Combining ratios	Changing ratios
05/10/26	A	Monday		Changing ratios	Problem solving with ratios
		Tuesday		Problem solving with ratios	Checking and securing understanding of simplifying and unitising ratios
		Wednesday		Checking and securing understanding of simplifying and unitising ratios	Checking and securing understanding of equivalent ratios
		Thursday		Checking and securing understanding of equivalent ratios	Checking and securing understanding of sharing in a ratio
		Friday		Checking and securing understanding of sharing in a ratio	Checking and securing understanding of converting between ratios, percentages and fractions
12/10/26	B	Monday		Checking and securing understanding of converting between ratios, percentages and fractions	Checking and securing understanding of real world ratios
		Tuesday		Checking and securing understanding of real world ratios	Combining ratios
		Wednesday		Combining ratios	Changing ratios
		Thursday		Changing ratios	Problem solving with ratios
		Friday		Problem solving with further surface area and volume	Converting between metric speed measures

19/10/26	A	Monday	Percentages recap	Checking and securing understanding of finding a percentage	Checking and securing understanding of percentage decrease
		Tuesday		Checking and securing understanding of percentage increase	Percentage profit and loss
		Wednesday		Checking and securing understanding of percentage decrease	Simple and compound interest
		Thursday		Percentage profit and loss	Simple interest calculations with technology
		Friday		Simple and compound interest	Compound interest calculations
02/11/26	B	Monday	Linear Graphs	Checking and securing understanding of drawing linear graphs	Checking and securing understanding of drawing vertical and horizontal graphs
		Tuesday		Checking and securing understanding of drawing vertical and horizontal graphs	Checking and securing understanding of finding the equation of the line from the graph
		Wednesday		Checking and securing understanding of finding the equation of the line from the graph	Checking and securing understanding of finding the equation of the line from coordinates
		Thursday		Checking and securing understanding of finding the equation of the line from coordinates	Parallel linear graphs
		Friday		Parallel linear graphs	Checking and understanding graphs showing direct proportion
09/11/26	A	Monday		Checking and understanding graphs showing direct proportion	Graphs showing inverse proportion
		Tuesday		Graphs showing inverse proportion	Problem solving with linear graphs
		Wednesday		Checking and securing understanding of drawing linear graphs	Checking and securing understanding of drawing vertical and horizontal graphs
		Thursday	Perimeter, Area and Volume	Checking understanding of perimeter	Checking understanding of area
		Friday		Checking understanding of area	Multiplicative relationships in circles
16/11/26	B	Monday		Multiplicative relationships in circles	Circumference of a circle
		Tuesday	Circumference of a circle	Area of a circle	
		Wednesday	Area of a circle	Using the formula for the area of a circle	

		Thursday		Using the formula for the area of a circle	Area of composite shapes
		Friday		Area of composite shapes	Perimeter of composite shapes
23/11/26	A	Monday		Perimeter of composite shapes	Finding a length in composite shapes
		Tuesday		Finding a length in composite shapes	Surface area of cuboids
		Wednesday		Surface area of cuboids	Properties of prisms
		Thursday		Properties of prisms	Surface area of prisms
		Friday		Surface area of prisms	Volume of prisms
30/11/26	B	Monday		Volume of prisms	Volume of cylinders
		Tuesday		Checking and securing understanding of nets of solids	Checking and securing understanding of volume of prisms
		Wednesday		Checking and securing understanding of volume of prisms	Checking and securing understanding of surface area of cuboids
		Thursday		Checking and securing understanding of surface area of cuboids	Checking and securing understanding of surface area of other prisms
		Friday		Checking and securing understanding of surface area of other prisms	Checking and securing understanding of volume of a cylinder
07/12/26	A	Monday	3D	Checking and securing understanding of volume of a cylinder	Checking and securing understanding of surface area of a cylinder
		Tuesday		Checking and securing understanding of surface area of a cylinder	The surface area of a pyramid
		Wednesday		The surface area of a pyramid	The volume of a pyramid
		Thursday		The volume of a pyramid	The surface area of a sphere
		Friday		The surface area of a sphere	The volume of a sphere
14/12/26	B	Monday		The volume of a sphere	The surface area of a cone
		Tuesday		The surface area of a cone	The volume of a cone
		Wednesday		The volume of a cone	Surface area of composite solids
		Thursday		Surface area of composite solids	Volume of composite solids
		Friday		Volume of composite solids	Problem solving with further surface area and volume

