

Remote Curriculum

Year 11 Mathematics 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
8/09/25	B	Monday	Ratio	Checking and securing understanding of simplifying and unitising ratios	Checking and securing understanding of equivalent ratios
		Tuesday		Checking and securing understanding of equivalent ratios	Checking and securing understanding of sharing in a ratio
		Wednesday		Checking and securing understanding of sharing in a ratio	Checking and securing understanding of converting between ratios, percentages and fractions
		Thursday		Checking and securing understanding of converting between ratios, percentages and fractions	Checking and securing understanding of real world ratios
		Friday		Checking and securing understanding of real world ratios	Combining ratios
15/09/25	A	Monday		Combining ratios	Changing ratios
		Tuesday		Changing ratios	Problem solving with ratios
		Wednesday		Problem solving with ratios	Checking and securing understanding of simplifying and unitising ratios
		Thursday		Checking and securing understanding of simplifying and unitising ratios	Checking and securing understanding of equivalent ratios
		Friday		Checking and securing understanding of equivalent ratios	Checking and securing understanding of sharing in a ratio

22/09/25	B	Monday		Checking and securing understanding of sharing in a ratio	Checking and securing understanding of converting between ratios, percentages and fractions
		Tuesday		Checking and securing understanding of converting between ratios, percentages and fractions	Checking and securing understanding of real world ratios
		Wednesday		Checking and securing understanding of real world ratios	Combining ratios
		Thursday		Combining ratios	Changing ratios
		Friday		Changing ratios	Problem solving with ratios
29/09/25	A	Monday	<i>2D and 3D shapes</i>	Checking and securing understanding of nets of solids	Checking and securing understanding of volume of prisms
		Tuesday		Checking and securing understanding of volume of prisms	Checking and securing understanding of surface area of cuboids
		Wednesday		Checking and securing understanding of surface area of cuboids	Checking and securing understanding of surface area of other prisms
		Thursday		Checking and securing understanding of surface area of other prisms	Checking and securing understanding of volume of a cylinder
		Friday		Checking and securing understanding of volume of a cylinder	Checking and securing understanding of surface area of a cylinder
06/10/25	B	Monday		Checking and securing understanding of surface area of a cylinder	The surface area of a pyramid
		Tuesday		The surface area of a pyramid	The volume of a pyramid
		Wednesday		The volume of a pyramid	The surface area of a sphere
		Thursday		The surface area of a sphere	The volume of a sphere
		Friday		The volume of a sphere	The surface area of a cone
13/10/25	A	Monday		The surface area of a cone	The volume of a cone
		Tuesday		The volume of a cone	Surface area of composite solids
		Wednesday		Surface area of composite solids	Volume of composite solids
		Thursday		Volume of composite solids	Problem solving with further surface area and volume
		Friday		Problem solving with further surface area and volume	Converting between metric speed measures
20/10/25	B	Monday	<i>Percentages</i>	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
03/11/25	A	Monday	<i>Compound Measure</i>	Compound measures for speed	Compound measures for density
		Tuesday		Compound measures for density	Compound measures for pressure
		Wednesday		Compound measures for pressure	Converting between metric speed measures
		Thursday		Converting between metric speed measures	Checking and securing understanding of percentage decrease
		Friday		Checking and securing understanding of percentage decrease	Percentage profit and loss
10/11/25	B	Monday	<i>Compound Measure</i>	Percentage profit and loss	Simple and compound interest
		Tuesday		Simple and compound interest	Simple interest calculations with technology
		Wednesday		Simple interest calculations with technology	Compound interest calculations
		Thursday		Compound interest calculations	Checking and further securing understanding of direct proportion in context
		Friday	<i>Algebra recap</i>	Simplify Expressions by Collecting Like Terms	Simplify Expressions by Multiplying Terms
17/11/25	A	Monday		Simplify Expressions by Multiplying Terms	Expand a Term over a Single Bracket
		Tuesday		Expand a Term over a Single Bracket	Expand a Term over a Single Bracket including Powers
		Wednesday		Expand a Term over a Single Bracket including Powers	Solving one-step equations
		Thursday		Solving one-step equations	Solving two-step equations
		Friday		Solving two-step equations	Solving equations with brackets
24/11/25	B	Monday		Solving equations with brackets	Solving equations with unknown on both sides
		Tuesday		Solving equations with unknown on both sides	Substitute a positive term into a formula
		Wednesday		Substitute a positive term into a formula	Substitute a negative term into a formula
		Thursday		Substitute a negative term into a formula	Change the subject of a formula

		Friday		Solving equations with unknown on both sides	Substitute a positive term into a formula
01/12/25	A	Monday	Quadratics	Expand 2 brackets and simplify expressions (Part 1)	Expand 2 brackets and simplify expressions (Part 2)
		Tuesday		Expand 2 brackets and simplify expressions (Part 2)	Expand and simplify double brackets
		Wednesday		Expand and simplify double brackets	Expand and Simplify Double Brackets (Coefficient of x Greater than 1)
		Thursday		Expand and Simplify Double Brackets (Coefficient of x Greater than 1)	Factorise a quadratic
		Friday		Factorise a quadratic	Factorise a quadratic (difference of two squares)
08/12/25	B	Monday		Factorise a quadratic (difference of two squares)	Plot simple quadratic equations
		Tuesday		Plot simple quadratic equations	Plot other quadratic equations
		Wednesday		Plot other quadratic equations	Solving Quadratic Equations Graphically
		Thursday		Solving Quadratic Equations Graphically	Identify and interpret roots, intercepts and turning points of quadratic graphs
		Friday		Identify and interpret roots, intercepts and turning points of quadratic graphs	Expand 2 brackets and simplify expressions (Part 1)
15/12/25	A	Monday		Expand 2 brackets and simplify expressions (Part 1)	Expand 2 brackets and simplify expressions (Part 2)
		Tuesday		Expand 2 brackets and simplify expressions (Part 2)	Expand and simplify double brackets
		Wednesday		Expand and simplify double brackets	Expand and Simplify Double Brackets (Coefficient of x Greater than 1)
		Thursday		Expand and Simplify Double Brackets (Coefficient of x Greater than 1)	Plot simple quadratic equations
		Friday		Plot simple quadratic equations	Plot other quadratic equations