

Remote Curriculum

Year 9 – Mathematics: Sets 3 and 4



How it Works:

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.
 - 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 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 Commencin	Week	Day	Title	Lesson 1	Lesson 2
6/1/2025	A	Monday			
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
13/1/2025	B	Monday	Indices, powers and roots Factors, multiples and primes	Finding HCF and LCM	Indices Introduction
		Tuesday		Prime Building Blocks	Prime Factorisation
		Wednesday		Using Prime Factorisation to find Factors	Factors and HCF
		Thursday		HCF and Prime Factors	Lowest Common Multiple
20/1/2025	A	Monday	Decimals, Integers and Place Value	LCM and Prime Factors	Using Venn diagrams to find HCF and LCM
		Tuesday		Expressing Powers in Different Bases	Laws of Indices
		Wednesday		Fractional Indices	Negative Indices
		Thursday		Multiplying and Dividing by Powers of 10	Multiplying and dividing integers
		Friday		Multiplying and dividing decimals	Order of operations
27/1/2025	B	Monday	Decimals, Integers and Place Value	Rounding	Rounding to decimal places
		Tuesday		Rounding to Significant Figures	Estimation
		Wednesday	Algebra – the basics	Algebraic Expressions	Algebraic Notation
		Thursday		Algebraic Notation	Expressions and Variables

		Friday		Expressions and Variables	Constructing Expressions
3/2/2025	A	Monday	Expressions and Substitution	Constructing Expressions	Collecting Like Terms
		Tuesday		Collecting Like Terms	Collecting Like Terms 2
		Wednesday		Collecting Like Terms 2	Index Laws with Algebra
		Thursday		Substitute Positive Values into Expressions and Formulae	Substitute Negatives into Expressions and Formulae
		Friday		Substitute Negatives into Expressions and Formulae	Substitution Summary
				Substitution Summary	Further Substitution Practice
10/2/2025	B	Monday		Further Substitution Practice	Multiplying and Dividing Terms
		Tuesday		Multiplying and Dividing Terms	Distributivity and Expanding Brackets
		Wednesday		Distributivity and Expanding Brackets	Expanding Single Brackets
		Thursday		Expanding Single Brackets	Expand Single Brackets and Collect Like Terms
		Friday			