

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
1/1/2024	A	Monday			
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
8/1/2024	B	Monday	Indices, powers and roots Factors, multiples and primes	Factors and Primes	Prime Factors
		Tuesday		Square Numbers	Powers and roots
		Wednesday		Finding Common Multiples	Finding Factors and multiples
		Thursday		Finding HCF and LCM	Indices Introduction
		Friday		Prime Building Blocks	Prime Factorisation
15/1/2024	A	Monday	Decimals, Integers and Place Value	Using Prime Factorisation to find Factors	Factors and HCF
		Tuesday		HCF and Prime Factors	Lowest Common Multiple
		Wednesday		LCM and Prime Factors	Using Venn diagrams to find HCF and LCM
		Thursday		Expressing Powers in Different Bases	Laws of Indices
		Friday		Fractional Indices	Negative Indices
22/1/2024	B	Monday	Algebra – the basics	Multiplying and Dividing by Powers of 10	Multiplying and dividing integers
		Tuesday		Multiplying and dividing decimals	Order of operations
		Wednesday		Rounding	Rounding to decimal places
		Thursday		Rounding to Significant Figures	Estimation
				Algebraic Expressions	Algebraic Notation
	Algebraic Notation	Expressions and Variables			

		Friday		Expressions and Variables	Constructing Expressions
29/1/2024	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
5/2/2024	B	Monday		Substitution Summary	Further Substitution Practice
		Tuesday		Further Substitution Practice	Multiplying and Dividing Terms
		Wednesday		Multiplying and Dividing Terms	Distributivity and Expanding Brackets
		Thursday		Distributivity and Expanding Brackets	Expanding Single Brackets
		Friday		Expanding Single Brackets	Expand Single Brackets and Collect Like Terms
February Half Term Holiday					
19/2/2024	A	Monday	Equations and Inequalities	Forming and Exploring Equations	Exploring Equality
		Tuesday		Exploring Equality	Forming and Solving Linear Equations Part 1
		Wednesday		Forming and Solving Linear Equations Part 1	Forming and Solving Linear Equations Part 2
		Thursday		Forming and Solving Linear Equations Part 2	Solving 1 Step Equations
		Friday		Solving 1 Step Equations	Solving 2 Step Equations
26/2/2024	B	Monday		Solving 2 Step Equations	Forming Equations
		Tuesday		Forming Equations	Solving Equations
		Wednesday		Solving Equations	Solving with unknowns on both sides
		Thursday		Solving with unknowns on both sides	Solving equations with brackets
		Friday		Solving equations with brackets	Solving equations with brackets and fractions
4/3/2024	A	Monday		Solving equations with brackets and fractions	Representing inequalities on a numberline
		Tuesday		Representing inequalities on a numberline	Solve one and two step inequalities
		Wednesday		Solve one and two step inequalities	Solving inequalities with unknowns on both sides
		Thursday		Solving inequalities with unknowns on both sides	Solving inequalities with algebraic fractions
		Friday		Data Collection	Bar charts
11/3/2024	B	Monday	Tables, charts, graphs and pie charts	Bar charts	Composite and multiple bar charts
		Tuesday		Composite and multiple bar charts	pictograms
		Wednesday		pictograms	Finding averages from a list of numbers
		Thursday		Finding averages from a list of numbers	Stem and leaf
		Friday		Stem and leaf	Mean from frequency table
18/3/2024	A	Monday		Mean from frequency table	Mean from grouped frequency table
		Tuesday		Mean from frequency table	Mean from grouped frequency table

		Wednesday		Mean from grouped frequency table	Interpret timetables and distance tables
		Thursday		Interpret timetables and distance tables	Design and interpret two way tables
		Friday		Design and interpret two way tables	Plot and interpret time series
25/3/2024	B	Monday		Plot and interpret time series	Pie charts
		Tuesday		Pie charts	Draw and interpret a frequency tree
		Wednesday		Draw and interpret a frequency tree	Plot and interpret time series
		Thursday		Stem and leaf	Pie charts
		Friday			