Remote Curriculum

Year 9 – Mathematics: Sets 1 and 2

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 Commencing	Week	Day	Title	Lesson 1	Lesson 2
24/2/2025	B	Tuesday	Pythagoras and Trigonometry	Know and understand Pythagoras' Theorem	Find Hypotenuse
		Wednesday		Find Hypotenuse	Find shorter side
		Thursday		Find shorter side	Finding missing length
		Friday		Finding missing length	Showing a triangle is right angled
3/3/2025	A	Monday		Showing a triangle is right angled	Finding length of line segment
		Tuesday		Finding length of line segment	Pythagoras with isosceles
		Wednesday		Pythagoras with isosceles	Pythagoras with two triangles
		Thursday		Pythagoras with two triangles	Pythagoras Theorem
		Friday		Pythagoras Theorem	Pythagoras theorem 2
10/3/2025	B	Monday		Pythagoras theorem 2	Know tangent, sine and cosine
		Tuesday		Know tangent, sine and cosine	Use tangent to find a length
		Wednesday		Use tangent to find a length	Use sine and cosine to find a length
		Thursday		Use sine and cosine to find a length	Applying trigonometry
		Friday		Applying trigonometry	Using trigonometry to find the perpendicular height of a triangle

17/3/2025	A	Monday		Using trigonometry to find the perpendicular height of a triangle	Solve basic trigonometry equations
		Tuesday		Solve basic trigonometry equations	Using inverse functions to find an angle
		Wednesday		Using inverse functions to find an angle	Solve problems mixing angles and sides
		Thursday		Solve problems mixing angles and sides	Know the trigonometry ratios
		Friday		Know the trigonometry ratios	Substitute exact values to find a missing length
				Substitute exact values to find a missing length	Use trigonometry to find bearing problems
24/3/2025	B	Monday	Number recap	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
31/3/2025	A	All Week		Using Prime Factorisation to find Factors	Factors and HCF
				HCF and Prime Factors	Lowest Common Multiple
				LCM and Prime Factors	Using Venn diagrams to find HCF and LCM
				Expressing Powers in Different Bases	Laws of Indices