

Remote Curriculum

Year 10 Maths: Foundation



How it Works:

1. Find the correct week commencing row.
2. Find today`s day - There are two 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	Topic	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click
6/1/2025	A	Monday	Proportion	Simplifying Ratio Divide into a ratio Find a part given a part Find total or difference given a part	Divide into a ratio Find a part given a part Find total or difference given a part
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
13/1/2025	B	Monday	Proportion	Find total or difference given a part Ratio and Fractions Unitary Method Proportion graphs Direct Proportion	Ratio and Fractions Unitary Method Proportion graphs Proportion problems Solving proportion problems
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
20/1/2025	A	Monday	Pythagoras	Know and understand Pythagoras' Theorem Find Hypotenuse Find shorter side Finding missing length Showing a triangle is right angled	Find Hypotenuse Find shorter side Finding missing length Showing a triangle is right angled Finding length of line segment
		Tuesday			
		Wednesday			
		Thursday			
		Friday			
27/1/2025	B	Monday	Pythagoras	Finding length of line segment Pythagoras with isosceles	Pythagoras with isosceles Pythagoras with two triangles
		Tuesday			

27/1/2025	B	Wednesday	Trigonometry	Pythagoras with two triangles	Pythagoras Theorem
		Thursday		Pythagoras Theorem	Pythagoras theorem 2
		Friday		Pythagoras theorem 2	Finding length of line segment
3/2/2025	A	Monday		Know tangent, sine and cosine	Use tangent to find a length
		Tuesday		Use tangent to find a length	Use sine and cosine to find a length
		Wednesday		Use sine and cosine to find a length	Applying trigonometry
		Thursday		Applying trigonometry	Using trigonometry to find the perpendicular height of a triangle
		Friday		Using trigonometry to find the perpendicular height of a triangle	Solve basic trigonometry equations
10/2/2025	B	Monday		Solve basic trigonometry equations	Using inverse functions to find an angle
		Tuesday		Using inverse functions to find an angle	Solve problems mixing angles and sides
		Wednesday	Solve problems mixing angles and sides	Know the trigonometry ratios	
		Thursday	Know the trigonometry ratios	Substitute exact values to find a missing length	
		Friday	Substitute exact values to find a missing length	Use trigonometry to find bearing problems	