

# Remote Curriculum - Year 9 Maths

## How it Works:

1. Find the correct week commencing row.
2. Find today's day - There are up to 3 different lessons in each day – you won't run out of work.
3. Chose 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 the question down
  - b. Write your answer down
  - c. Mark your answers and write down any corrections (using your purple pen)
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	Lesson 3 Hold ctrl and click
04/11/24	9A	Monday	Pythagoras Theorem	<a href="#">Tiled Squares</a>	<a href="#">Surds from Tiled Squares</a>	
		Tuesday		<a href="#">Finding the Length of a Line from Tiled Squares</a>	<a href="#">Right angled Triangles and Tiled Squares</a>	<a href="#">Pythagoras: Finding Right-Angled Triangles</a>
		Wednesday		<a href="#">Generalising Pythagoras Theorem</a>	<a href="#">Know and Understand Pythagoras Theorem</a>	<a href="#">Pythagorean Triples</a>
		Thursday		<a href="#">Find the Length of the Hypotenuse</a>	<a href="#">Find the Length of the Shorter Side</a>	<a href="#">Mixture of Finding Hypotenuse and Shorter Side</a>
		Friday		<a href="#">0550 Pythagoras 1</a>	<a href="#">0551 Pythagoras 2</a>	<a href="#">1071 Pythagoras Theorem 3</a>
11/11/24	10B	Monday		<a href="#">0473 Pythagoras Theorem 1</a>	<a href="#">0474 Pythagoras Theorem 2</a>	<a href="#">1071 Pythagoras Theorem 3</a>
		Tuesday		<a href="#">0474 Pythagoras Theorem 2</a>	<a href="#">1071 Pythagoras Theorem 3</a>	<a href="#">1072 Pythagoras Theorem 4</a>
		Wednesday		<a href="#">1071 Pythagoras Theorem 3</a>	<a href="#">1072 Pythagoras Theorem 4</a>	<a href="#">1073 Pythagoras Theorem 5</a>
		Thursday		<a href="#">1072 Pythagoras Theorem 4</a>	<a href="#">1073 Pythagoras Theorem 5</a>	<a href="#">Pythagoras Exam Questions</a>
		Friday	<a href="#">Median, Mode and Range</a>	<a href="#">Finding the Mean</a>	<a href="#">Problem Solving with the Mean</a>	
18/11/24	11A	Monday	Averages and Frequency Tables	<a href="#">Find the Mean Mode and Median from a set of Numbers</a>	<a href="#">0335 Chose the Appropriate Average</a>	<a href="#">Mean from a Frequency Table</a>
		Tuesday		<a href="#">Interpreting Frequency Tables</a>	<a href="#">Mean from a Frequency Table</a>	<a href="#">Median from a Frequency Table</a>
		Wednesday		<a href="#">Mean from a Frequency Table</a>	<a href="#">0333 Mean from a Frequency Table</a>	<a href="#">0917 Cumulative Frequency Tables</a>

		Thursday		<a href="#">0334 Find the Mode and Median from Frequency Tables</a>	<a href="#">Mean from Grouped Frequency Table</a>	<a href="#">0916 Interpolation – Mode, Median and Interquartile Range</a>
		Friday		<a href="#">0335 Chose the Appropriate Average</a>	<a href="#">0915 Interpolation – Mean</a>	<a href="#">1293 Reverse Mean</a>
25/11/24	12B	Monday	Probability and Venn Diagrams	<a href="#">Representing Probability</a>	<a href="#">Complementary Events</a>	<a href="#">0338 Probability of Single Events (Calculator)</a>
		Tuesday		<a href="#">Calculating Probabilities</a>	<a href="#">Theoretical Probability and Relative Frequency Part 1</a>	<a href="#">Theoretical Probability and Relative Frequency Part 2</a>
		Wednesday		<a href="#">Comparing Probabilities</a>	<a href="#">Combined Events and Sample Spaces - Part 1</a>	<a href="#">Combined Events and Sample Spaces - Part 2</a>
		Thursday		<a href="#">Calculating the Probability of Combined Events</a>	<a href="#">Combined Events and Tree Diagrams – Part 1</a>	<a href="#">Combined Events and Tree Diagrams – Part 2</a>
		Friday		<a href="#">Combined Events and Tree Diagrams – Part 1</a>	<a href="#">0342 Probability Trees (Independent Variables) Calculator</a>	<a href="#">0343 Probability Trees (Dependent Variables) Calculator</a>
02/12/24	13A	Monday		<a href="#">Frequency Trees</a>	<a href="#">0341 Frequency Tree and Probability</a>	<a href="#">0339 Mutual Exclusivity and Exhaustive Events (Calculator)</a>
		Tuesday		<a href="#">Introduction to Venn Diagrams</a>	<a href="#">Set Notation</a>	
		Wednesday		<a href="#">Overlapping Circles 1</a>	<a href="#">Overlapping Circles 1</a>	
		Thursday		<a href="#">Understand Venn Diagrams 1</a>	<a href="#">Understand Venn Diagrams 2</a>	<a href="#">Understand Venn Diagrams 3</a>
		Friday		<a href="#">Diagrams and Probability</a>	<a href="#">Venn Diagrams and Conditional Probability</a>	<a href="#">Find probabilities from a Venn Diagram</a>
09/12/24	14B	Monday		<a href="#">Drawing Venn Diagrams</a>	<a href="#">Mixed Questions Venn Diagrams</a>	
		Tuesday		<a href="#">Compound Measures</a>	<a href="#">Compound Measures - Speed</a>	<a href="#">Calculating Speed, Distance and Time</a>
		Wednesday		<a href="#">Compound Measures - Speed</a>	<a href="#">Calculating Speed, Distance and Time</a>	<a href="#">Average Speed</a>
		Thursday		<a href="#">Calculating Speed, Distance and Time</a>	<a href="#">Average Speed</a>	<a href="#">Speed - Changing Units</a>
		Friday		<a href="#">Average Speed</a>	<a href="#">Speed - Changing Units</a>	<a href="#">Converting Units of Speed</a>
16/12/24	15A	Monday	Compound Measures	<a href="#">Converting Units of Speed</a>	<a href="#">Use and Apply the Speed Formula</a>	<a href="#">Solve Simple Kinematics Problems</a>
		Tuesday		<a href="#">Use and Apply the Speed Formula</a>	<a href="#">Solve Simple Kinematics Problems</a>	<a href="#">Distance Time Graphs 1</a>
		Wednesday		<a href="#">Distance Time Graphs 1</a>	<a href="#">Distance Time Graphs 2</a>	<a href="#">Distance Time Graphs Exam Questions</a>
		Thursday		<a href="#">Distance Time Graphs 2</a>	<a href="#">Distance Time Graphs Exam Questions</a>	
		Friday		<a href="#">Compound Measures - Density</a>	<a href="#">Use and Apply the Density Formula</a>	<a href="#">Converting Mass, Density and Volume 1</a>

<b>Additional Content</b>	<a href="#"><u>1100 Similar Shapes 4</u></a>	<a href="#"><u>1101 Similar Shapes 5</u></a>	<a href="#"><u>0820 Similar Shapes – Finding the Scale Factor</u></a>
	<a href="#"><u>1101 Similar Shapes 5</u></a>	<a href="#"><u>0820 Similar Shapes – Finding the Scale Factor</u></a>	<a href="#"><u>0821 Similar Shapes – Using the Scale Factor</u></a>
	<a href="#"><u>0820 Similar Shapes – Finding the Scale Factor</u></a>	<a href="#"><u>0821 Similar Shapes – Using the Scale Factor</u></a>	<a href="#"><u>1309 Scale Factor Problems</u></a>
	<a href="#"><u>0821 Similar Shapes – Using the Scale Factor</u></a>	<a href="#"><u>1309 Scale Factor Problems</u></a>	<a href="#"><u>0821 Similar Shapes – Using the Scale Factor</u></a>
	<a href="#"><u>1309 Scale Factor Problems</u></a>	<a href="#"><u>Finding Area of Similar Shapes</u></a>	<a href="#"><u>Finding Volume of Similar Shapes</u></a>