Remote Curriculum

Year 9 Maths

Ivybridge
COMMUNITY COLLEGE
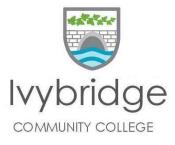
How it Works:

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 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	Lesson	Title	Lesson 1 **Hold ctrl and click**	Lesson 2 **Hold ctrl and click**	Lesson 3 **Hold ctrl and click**
2/10/23	A	Monday	Pythagoras Theorem	Tiled Squares	Surds from Tiled Squares	
		Tuesday		Finding the Length of a Line from Tiled Squares	Right angled Triangles and Tiled Squares	Pythagoras: Finding Right-Angled Triangles
		Wednesday		Generalising Pythagoras Theorem	Know and Understand Pythagoras Theorem	Pythagorean Triples
		Thursday		Find the Length of the Hypotenuse	Find the Length of the Shorter Side	Mixture of Finding Hypotenuse and Shorter Side
		Friday		0550 Pythagoras 1	0551 Pythagoras 2	1071 Pythagoras Theorem 3
9/10/23	B	Monday		0473 Pythagoras Theorem 1	0474 Pythagoras Theorem 2	1071 Pythagoras Theorem 3
		Tuesday		0474 Pythagoras Theorem 2	1071 Pythagoras Theorem 3	1072 Pythagoras Theorem 4
		Wednesday		1071 Pythagoras Theorem 3	1072 Pythagoras Theorem 4	1073 Pythagoras Theorem 5
		Thursday		1072 Pythagoras Theorem 4	1073 Pythagoras Theorem 5	Pythagoras Exam Questions
		Friday	Averages and Frequency Tables	Median, Mode and Range	Finding the Mean	Problem Solving with the Mean
16/10/23	A	Monday		Find the Mean Mode and Median from a set of Numbers	0335 Chose the Appropriate Average	Mean from a Frequency Table
		Tuesday		Interpreting Frequency Tables	Mean from a Frequency Table	Median from a Frequency Table

		Wednesday		Mean from a Frequency Table	0333 Mean from a Frequency Table	0917 Cumulative Frequency Tables
		Thursday		0334 Find the Mode and Median from Frequency Tables	Mean from Grouped Frequency Table	0916 Interpolation – Mode, Median and Interquartile Range
		Friday		0335 Chose the Appropriate Average	0915 Interpolation – Mean	1293 Reverse Mean
30/10/23	B	Monday	Probability and Venn Diagrams	Representing Probability	Complementary Events	0338 Probability of Single Events (Calculator)
		Tuesday		Calculating Probabilities	Theoretical Probability and Relative Frequency Part 1	Theoretical Probability and Relative Frequency Part 2
		Wednesday		Comparing Probabilities	Combined Events and Sample Spaces - Part 1	Combined Events and Sample Spaces - Part 2
		Thursday		Calculating the Probability of Combined Events	Combined Events and Tree Diagrams – Part 1	Combined Events and Tree Diagrams – Part 2
		Friday		Combined Events and Tree Diagrams – Part 1	0342 Probability Trees (Independent Variables) Calculator	0343 Probability Trees (Dependent Variables) Calculator
6/11/23	A	Monday		Frequency Trees	0341 Frequency Tree and Probability	0339 Mutual Exclusivity and Exhaustive Events (Calculator)
		Tuesday		Introduction to Venn Diagrams	Set Notation	
		Wednesday		Overlapping Circles 1	Overlapping Circles 1	
		Thursday		Understand Venn Diagrams 1	Understand Venn Diagrams 2	Understand Venn Diagrams 3
		Friday		Diagrams and Probability	Venn Diagrams and Conditional Probability	Find probabilities from a Venn Diagram
13/11/23	B	Monday	Compound Measures	Drawing Venn Diagrams	Mixed Questions Venn Diagrams	
		Tuesday		Compound Measures	Compound Measures - Speed	Calculating Speed, Distance and Time
		Wednesday		Compound Measures - Speed	Calculating Speed, Distance and Time	Average Speed
		Thursday		Calculating Speed, Distance and Time	Average Speed	Speed - Changing Units
		Friday		Average Speed	Speed - Changing Units	Converting Units of Speed
20/11/23	A	Monday		Converting Units of Speed	Use and Apply the Speed Formula	Solve Simple Kinematics Problems
		Tuesday		Use and Apply the Speed Formula	Solve Simple Kinematics Problems	Distance Time Graphs 1
		Wednesday		Distance Time Graphs 1	Distance Time Graphs 2	Distance Time Graphs Exam Questions
		Thursday		Distance Time Graphs 2	Distance Time Graphs Exam Questions	
		Friday		Compound Measures - Density	Use and Apply the Density Formula	Converting Mass, Density and Volume 1
27/11/23	B	Monday		Use and Apply the Density Formula	Converting Mass, Density and Volume 1	Density Exam Questions

		Tuesday		Converting Mass, Density and Volume 1	Density Exam Questions	
		Wednesday		Compound Measures - Pressure	Calculating Pressure	Use and Apply the Pressure Formula
		Thursday		Calculating Pressure	Use and Apply the Pressure Formula	0679 Pressure and Rates of Pay
		Friday		Use and Apply the Pressure Formula	Pressure Exam Questions	
4/12/23	A	Monday	Similar Shapes	Similar Triangles	0819 Congruent Triangles	0859 Similar Shapes 1
		Tuesday		0819 Congruent Triangles	0859 Similar Shapes 1	0570 Similar Shapes 2
		Wednesday		0859 Similar Shapes 1	0570 Similar Shapes 2	1019 Similar Shapes 3
		Thursday		0570 Similar Shapes 2	1019 Similar Shapes 3	1100 Similar Shapes 4
		Friday		1019 Similar Shapes 3	1100 Similar Shapes 4	1101 Similar Shapes 5
11/12/23	B	Monday		1100 Similar Shapes 4	1101 Similar Shapes 5	0820 Similar Shapes – Finding the Scale Factor
		Tuesday		1101 Similar Shapes 5	0820 Similar Shapes – Finding the Scale Factor	0821 Similar Shapes – Using the Scale Factor
		Wednesday		0820 Similar Shapes – Finding the Scale Factor	0821 Similar Shapes – Using the Scale Factor	1309 Scale Factor Problems
		Thursday		0821 Similar Shapes – Using the Scale Factor	1309 Scale Factor Problems	0821 Similar Shapes – Using the Scale Factor
		Friday		1309 Scale Factor Problems	Finding Area of Similar Shapes	Finding Volume of Similar Shapes