

Remote Curriculum

Year 7 - Mathematics



Plymstock School

Achieving Excellence through Curriculum and Culture

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 Hold ctrl and click	Lesson 2 Hold ctrl and click		
1/1/2024	A	Monday	Arithmetic with Fractions				
		Tuesday					
		Wednesday				Equal Parts of a Whole	Equivalent Fractions
		Thursday				Converting and Ordering Fractions and Decimals	Converting between Fractions and Decimals
		Friday				Introduction Comparing Fractions	Comparing Fractions (Part 1)
8/1/2024	B	Monday				Comparing Fractions (Part 1)	Comparing Fractions (Part 2)
		Tuesday				Converting between Fractions and Decimals	Ordering Fractions
		Wednesday				Ordering Fractions	Ordering Negative Numbers
		Thursday				Ordering Negative Numbers	Adding and Subtracting Fractions (Part 1)
		Friday				Adding and Subtracting Fractions (Part 1)	Adding and Subtracting Fractions (Part 2)
15/1/2024	A	Monday				Adding and Subtracting Fractions (Part 2)	Adding and Subtracting Fractions (Part 3)
		Tuesday				Fractions and Distributivity	Converting Mixed Numbers and Improper Fractions
		Wednesday				Adding Fractions (Including Mixed Numbers)	Subtracting Fractions (including Mixed Numbers)
		Thursday				Converting Mixed Numbers and Improper Fractions	Multiplying Integers with Fractions (Part 1)

		Friday		Multiplying Integers with Fractions (Part 2)	Using Area Models to Multiply Fractions
22/1/2024	B	Monday		Using an Area Model to Multiply Decimals and Percentages	Multiplying Fractions (including Mixed Numbers)
		Tuesday		Multiplying Fractions (including Mixed Numbers)	Dividing a Fraction by and Integer
		Wednesday		Dividing Fractions (Part 1)	Dividing Fractions (Part 2)
		Thursday		Dividing Fractions Summary)	Dividing Fractions with Mixed Numbers
		Friday		Reviewing Adding and Subtracting Fractions	Reviewing Multiplying and Dividing Fractions
29/1/2024	A	Monday	Algebraic Manipulation	Algebraic Expressions	Algebraic Notation
		Tuesday		Expressions and Variables	Constructing Expressions
		Wednesday		Substitute Positive Values into Expressions and Formulae	Substitute Negatives into Expressions and Formulae
		Thursday		Substitution Summary	Further Substitution Practice
		Friday		Collecting Like Terms	Collecting Like Terms 2
5/2/2024	B	Monday		Index Laws with Algebra	Multiplying and Dividing Terms
		Tuesday		Distributivity and Expanding Brackets	Expanding Single Brackets
		Wednesday		Expand Single Brackets and Collect Like Terms	Factorising Expressions
		Thursday		Factorising Linear Expressions	Perimeter Expressions
		Friday		Forming and Exploring Equations	Exploring Equality
February Half Term Holiday					
19/2/2024	A	Monday			
		Tuesday	Algebraic Manipulation	Forming and Solving Linear Equations Part 1	Forming and Solving Linear Equations Part 2
		Wednesday		Exploring Equality	Solving 1 Step Equations
		Thursday		Solving 1 Step Equations	Solving 2 Step Equations
		Friday		Forming Equations	Solving Equations
26/2/2024	B	Monday		Co-ordinates and the Cartesian Plane	Co-ordinates
		Tuesday	Recognise and Plot Co-ordinates		Finding Midpoints
		Wednesday	Finding Midpoints		Solving Geometric Problems with Co-ordinates
		Thursday	Forming Shapes from Midpoints		Forming Shapes from Diagonals
		Friday	Forming Shapes from Diagonals		Co-ordinates Recap
4/3/2024	A	Monday	Co-ordinates Recap		Naming Straight Line Graphs
		Tuesday	Naming Straight Line Graphs		Plotting Straight Line Graphs
		Wednesday	Plotting Straight Line Graphs		Equations of Lines
		Thursday	Equations of Lines		Horizontal and Vertical Lines
		Friday	Horizontal and Vertical Lines		Exploring Horizontal and Vertical Lines

11/3/2024	B	Monday	Perimeter and Area	Polygons	Perimeter
		Tuesday		Perimeter	Classifying Triangles
		Wednesday		Classifying Triangles	Perimeter (2)
		Thursday		Perimeter (2)	Perimeter Compound Shapes
		Friday		Perimeter Compound Shapes	Perimeter Expressions
18/3/2024	A	Monday		Perimeter Expressions	Area Counting
		Tuesday		Array Models	Area Counting
		Wednesday		Quadrilaterals	Cutting and Combining Shapes
		Thursday		Cutting and Combining Shapes	Area and Perimeter of Compound Shapes (Rectangles)
		Friday		Area of Parallelograms	Area of Triangles (Part 1)
25/3/2024	B	Monday		Area of Triangles (Part 2)	Area of Triangles
		Tuesday		Area of Triangles	Area of Rectangles and Triangles
		Wednesday		Area of Rectangles and Triangles	Area of Rectangles, Parallelograms and Triangles
		Thursday		Area of Rectangles, Parallelograms and Triangles	Area of Compound Shapes
		Friday			