

# 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	B	Monday	Arithmetic with Fractions		
		Tuesday			
		Wednesday		<a href="#">Equal Parts of a Whole</a>	<a href="#">Equivalent Fractions</a>
		Thursday		<a href="#">Converting and Ordering Fractions and Decimals</a>	<a href="#">Converting between Fractions and Decimals</a>
		Friday		<a href="#">Introduction Comparing Fractions</a>	<a href="#">Comparing Fractions (Part 1)</a>
2	A	Monday		<a href="#">Comparing Fractions (Part 1)</a>	<a href="#">Comparing Fractions (Part 2)</a>
		Tuesday		<a href="#">Converting between Fractions and Decimals</a>	<a href="#">Ordering Fractions</a>
		Wednesday		<a href="#">Ordering Fractions</a>	<a href="#">Ordering Negative Numbers</a>
		Thursday		<a href="#">Ordering Negative Numbers</a>	<a href="#">Adding and Subtracting Fractions (Part 1)</a>
		Friday		<a href="#">Adding and Subtracting Fractions (Part 1)</a>	<a href="#">Adding and Subtracting Fractions (Part 2)</a>
3	B	Monday		<a href="#">Adding and Subtracting Fractions (Part 2)</a>	<a href="#">Adding and Subtracting Fractions (Part 3)</a>
		Tuesday		<a href="#">Fractions and Distributivity</a>	<a href="#">Converting Mixed Numbers and Improper Fractions</a>
		Wednesday		<a href="#">Adding Fractions (Including Mixed Numbers)</a>	<a href="#">Subtracting Fractions (including Mixed Numbers)</a>
		Thursday		<a href="#">Converting Mixed Numbers and Improper Fractions</a>	<a href="#">Multiplying Integers with Fractions (Part 1)</a>

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

10	A	Monday	Perimeter and Area	<a href="#">Polygons</a>	<a href="#">Perimeter</a>
		Tuesday		<a href="#">Perimeter</a>	<a href="#">Classifying Triangles</a>
		Wednesday		<a href="#">Classifying Triangles</a>	<a href="#">Perimeter (2)</a>
		Thursday		<a href="#">Perimeter (2)</a>	<a href="#">Perimeter Compound Shapes</a>
		Friday		<a href="#">Perimeter Compound Shapes</a>	<a href="#">Perimeter Expressions</a>
11	B	Monday		<a href="#">Perimeter Expressions</a>	<a href="#">Area Counting</a>
		Tuesday		<a href="#">Array Models</a>	<a href="#">Area Counting</a>
		Wednesday		<a href="#">Quadrilaterals</a>	<a href="#">Cutting and Combining Shapes</a>
		Thursday		<a href="#">Cutting and Combining Shapes</a>	<a href="#">Area and Perimeter of Compound Shapes (Rectangles)</a>
		Friday		<a href="#">Area of Parallelograms</a>	<a href="#">Area of Triangles (Part 1)</a>
12	A	Monday		<a href="#">Area of Triangles (Part 2)</a>	<a href="#">Area of Triangles</a>
		Tuesday		<a href="#">Area of Triangles</a>	<a href="#">Area of Rectangles and Triangles</a>
		Wednesday		<a href="#">Area of Rectangles and Triangles</a>	<a href="#">Area of Rectangles, Parallelograms and Triangles</a>
		Thursday		<a href="#">Area of Rectangles, Parallelograms and Triangles</a>	<a href="#">Area of Compound Shapes</a>
		Friday			