

**Instructions**

To continue your maths learning, whilst you are isolating, we have put together a set of lesson which cover all the work being done in class in November and December. The lessons are all from the Oak National Academy's website and include: an introductory quiz; a video to watch explaining the topic; a practice task or tasks; and a quiz at the end to check your understanding. Just find the lesson you are scheduled to do and click the link to be taken directly to it.

Area	Topic	Content	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
DATA	BASIC CHARTS	Pictograms, bar charts, stacked bar charts and time-series graphs	<a href="#">Pictograms</a>	<a href="#">Bar charts</a>	<a href="#">Composite and multiple bar charts</a>	<a href="#">Plot and interpret time-series graphs</a>	
	PROBABILITY	Writing basic probabilities as a F, D or P (but not a ratio!)	<a href="#">Use the language of probability and the probability scale</a>	<a href="#">Calculate probabilities from equally likely events</a>	<a href="#">Find the probability of an event not happening including using a table (include mutually exclusive and exhaustive)</a>		
	TWO-WAY TABLES	Solve problems with two-way tables, linking to simple probability	<a href="#">List outcomes in a sample space diagram (two-way table) and calculate probabilities</a>	<a href="#">Calculate experimental probabilities and make predictions (relative frequency)</a>			
	FREQUENCY TREES	Complete a frequency tree, linking to simple probability	<a href="#">Find probabilities from frequency trees</a>	<a href="#">Draw a tree diagram for independent events</a>	<a href="#">Calculate probabilities of independent events</a>	<a href="#">Draw a tree diagram for dependent events</a>	<a href="#">Calculate probabilities of dependent events</a>
	ADVANCED CHARTS	Stem & leaf / Pie charts	<a href="#">Stem and leaf diagrams</a>	<a href="#">Draw and interpret pie charts</a>			
NUMBER	FRACTIONS	Writing and simplifying fractions, including mixed numbers to improper fractions	<a href="#">Simplifying Fractions</a>	Converting between proper and improper fractions			
	FDP EQUIVALENCE	Equivalence & ordering numbers	<a href="#">Equivalent Fractions</a>	<a href="#">Decimal and fraction equivalence</a>	<a href="#">Ordering Decimals</a>	<a href="#">Simple fraction, decimal and percentage equivalents</a>	
	FRACTION CALCULATIONS	Calculations with fractions (not mixed numbers)	<a href="#">Adding and subtracting fractions &lt; 1</a>	<a href="#">Multiplying a fraction by an integer</a>	<a href="#">Multiplying a fraction by a fraction</a>	<a href="#">Dividing a fraction by an integer</a>	<a href="#">Dividing a fraction by a fraction</a>
	PERCENTAGES	Percentages, including $\uparrow\downarrow$ & profit (not reverse or compound)	<a href="#">Simple percentages without a calculator</a>	<a href="#">Decimal multiplier method to find percentages of an amount</a>	<a href="#">Increase by a percentage</a>	<a href="#">Decrease by a percentage</a>	<a href="#">Percentage change</a>
	BEST VALUE	More complex best value questions, including VAT and discounts being applied	<a href="#">Calculate Percentage Change</a>	<a href="#">Simple Interest</a>	HEGARTY 752 - Money (problem solving 1)	HEGARTY 753 - Money (problem solving 2)	