

EMBED your learning

EXTEND your knowledge

FOLLOW your interests

NPCAT YEAR 11 TRANSITION PROGRAMME: MATHEMATICS

This selection of resources has been designed to embed your understanding of Mathematics (F) whilst also preparing you for your future studies at A Level (H).

You can complete the activities in any order you wish.

	Tier	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	F	<u>FDP equivalents</u>	<u>Percentages</u>	<u>Percentage increase and decrease</u>	<u>Repeated percentage change</u>	<u>Fractions equivalence</u>
	H	<u>Simplifying</u>	<u>Simplifying</u>	<u>Expanding</u>	<u>Expanding</u>	<u>Factorising</u>
Week 2	F	<u>Fractions (+ -)</u>	<u>Fractions (x /)</u>	<u>Fraction change</u>	<u>Decimals</u>	<u>Ratio</u>
	H	<u>Factorising</u>	<u>Rearranging</u>	<u>Rearranging</u>	<u>Solving</u>	<u>Solving</u>
Week 3	F	<u>Household finance</u>	<u>Financial mathematics</u>	<u>Credit and Debt</u>	<u>Pensions</u>	<u>Tax</u>
	H	<u>Sketching</u>	<u>Trigonometric Ratios</u>	<u>Graphs</u>	<u>Circles</u>	<u>Vectors</u>