

Subject	Year 7 Thresholds Concepts – Summer Term	How to support students learning
Mathematics	Percentages & Proportion - Finding percentages of amounts without a calculator - M437 - Finding percentages of amounts with a calculator - M905 - Percentage change without a calculator - M476 - Percentage change with a calculator - M533 - Solving proportion problems - M478 - Best buys - M681 Indices and Advanced Equations - Index rules with positive indices - M608 - Index rules with negative indices - M150 - Simplifying expressions using index laws - M120 - Simplifying algebraic fractions by cancelling common factors - M568 - Solving equations of the form $(x+a)/b = c$ - M401 - Solving linear equations involving brackets - M902 - Solving equations with unknowns on both sides - M554 - Solving equations with the unknown in the denominator - M387 - Constructing and solving equations - M957 FDP - Converting between fractions and decimals - M958 - Converting between fractions, decimals and percentages - M264 - Ordering fractions, decimals and percentages - M553 - Writing numbers as percentages of other numbers - M235 - Reciprocals - M216 - Multiplying fractions - M157 - Dividing fractions - M110 - Multiplying with mixed numbers - M197 - Dividing with mixed numbers - M265 - Fractions of amounts without a calculator - M695 - Fractions of amounts with a calculator - M684	- Encourage your child to practise their times tables up to 15 at home. - Encourage your child to set their work out using the correct columns for place value. - Encourage your child to estimate answers by rounding e.g. shopping costs by rounding to the nearest £. - Encourage your child to look at where they may use negative numbers in real life. - Homework will be set on Sparx – teachers will provide your child with a login and password. Use the Sparx codes provided next to the concepts to support them when required.

