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| 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.
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