**Year 7 FOUNDATION Revision List**

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| **Algebra** | Complete missing numbers in sequences |
| Find or follow the rule of a sequence |
| Substitute numbers into expressions |
| Use a word formula |
| Use a conversion graph |
| Simplify an algebraic expression |
| Plot or read coordinates |
| Recognise or draw horizontal or vertical lines |
| **Data** | Find mean, median, mode and range of a set of data |
| Use words to describe probability |
| Read and complete a pictogram and bar chart |
| Complete a tally chart |
| Draw a suitable diagram to display data |
| Place probabilities on a number line |
| Write down probabilities of events as fractions |
| Interpret a pie chart |
| **Number** | Fill in missing numbers on a number line |
| Work out the difference between temperatures |
| Add and subtract with negative numbers |
| Write ratios in their simplest form |
| Change recipe amounts for different numbers of people |
| Find multiples, factors, LCM and HCF of a number |
| Change between simple fractions, decimals and percentages |
| Add and subtract fractions with same denominators |
| Order negative or decimal numbers |
| Use a Venn Diagram to sort numbers |
| Recognise primes, multiples and factors |
| Use inequalities to show larger or smaller numbers |
| Shade a fraction of a shape |
| Write a fraction in its lowest terms |
| Find equivalent fractions |
| Find fractions of amounts |
| **Shape** | Measure length of a line |
| Convert between metric units |
| Read time on a round clock and change between 12 and 24 hour clock |
| Use a bus or train timetable |
| Count area or perimeter in cm or cm2  |
| Name basic shapes |
| Work out perimeters |
| Recognise and measure types of angle and recognise types of triangle |
| Count faces, vertices and edges on a 3D solid |
| Read a mileage chart |
| Name a 3D solid |
| Calculate the area of rectangles or triangles |
| Calculate missing angles |
| Find the volume of a solid |