**Foundation Year 10 Summer Exam Revision List**

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| **Number** | |
| Rounding | Place value |
| Calculating with decimals/fraction/% | Factors and multiples |
| Converting a decimal to a fraction | Properties of numbers |
| Calculating a percentage of an amount | Solving a problem involving money |
| Listing combinations | Using a calculator |
| Solving numerical problems | Calculating best buys |
| Calculating a fraction | Using currency conversions |
| Solving problems using estimation | Ratio: share and proportion |
| **Algebra** | |
| Substituting into a formula | Simplifying expressions |
| Sequence from diagrams | nth term of an arithmetic sequence |
| Plotting graphs | Writing expressions |
| Solving linear equations | Using function machine |
| Expanding brackets and simplifying | Factorising an expression |
| **Geometry** | |
| Properties of 3D shapes | Co-ordinates |
| Drawing bearings and scale drawing | Parts of a circle |
| Perimeter | Area: rectangle, triangle, trapezium |
| Calculating missing angles in quadrilaterals | Calculating missing angles |
| Calculating angles on parallel lines | Circumference/area of a circle |
| Plans and elevations | Volume of a cuboid |
| Construct shapes |  |
| **Statistics and probability** | |
| Identifying probabilities on a number line | Calculating averages |
| Calculating probabilities, sum of prob = 1 | Find errors in a dual bar chart |
| Interpreting a pictogram | Calculating averages from a frequency table |
| Using probabilities | Interpreting scatter graphs |
| Competing a Venn diagram | Completing a tree diagram |
| Competing a frequency tree | Drawing a pie chart |