| Topic | Aspect | Year and Page on OneNote |
|---|---|---|
| **Probability** | Fundamental Principal of Counting<br><br>Calculating Probabilities | Third year, page 2.1<br><br>Third year, page 2.1 |
| **DST** | Calculate distance, speed and time | |
| **Sets** | Definitions (Set, element, union, intersection, null set etc.)<br><br>Filling elements into sets<br><br>Sets involving algebra | Third year, page 1.1<br><br>Third year, page 1.2<br><br>Third year, page 1.4 |
| **Applied Arithmetic** | Calculating percentages<br><br>Income tax<br><br>VAT | Second year, page 6.1 – 6.2<br><br>Second year, page 6.10<br><br>Second year, page 6.4 |
| **Statistics** | Distinguish between categorical and numerical data<br><br>Display data using bar charts, pie charts and stem and leaf diagrams<br><br>Find the mean, mode, median and range of data (both odd numbers of data and even numbers of data). | Third year, page 3.1<br><br>Third year, page 3.6 – 3.9<br><br>Third year, page 3.2 – 3.3 |
| **Factorising & Quadratics** | 4 types of factorising:<br><br>-   HCF | Second year, page 4.1 |

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|---|---|---|
| | - Grouping | Second year, page 4.2 |
| | - Quadratics | Second year, page 4.3 |
| | - Difference of two squares | Second year, page 4.4 |
| | Solving quadratics (-b formula) | |
| **Perimeter, Area & Volume** | Perimeter of 2-D shapes | Second year, page 2.1 |
| | Area of 2-D shapes (triangles, rectangles etc.) | Second year, page 2.2 – 2.4 |
| | Volume of cuboids and cylinders and spheres/hemispheres | Second year, page 2.5 – 2.6, and 2.8 |
| **Co-ordinate Geometry** | Plotting points and writing co-ordinates | Second year, page 5.1 |
| | Midpoint of points | Second year, page 5.2 |
| | Distance between points | Second year, page 5.4 |
| | Slope between points | Second year, page 5.3 |
| | Equation of a line using formula | Second year, page 5.7 |
| | Verify a point is on a line | Second year, page 5.5 |
| **Circles** | Angle at the centre of a circle standing on the same arc | Third year, page 5.1 |
| | Angles on the same arc | Third year, page 5.2 |
| | Angles in a triangle in a semi-circle | Third year, page 5.3 |
| | Cyclic quadrilaterals | Third year, page 5.4 |

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| **Triangles** | Similar triangles | Third year, page 6.1 |
| | 4 cases of congruency | Third year, page 6.3 – 6.4 |
| **Geometry** | Axes of symmetry | |
| | Central symmetry, axial symmetry & translations | |
| **Trigonometry** | Pythagoras's theorem | Third year, page 4.1 |
| | Finding missing angles in right-angled triangles (Sin, Cos & Tan) | Third year, page 4.3 |
| | Finding missing sides in right-angled triangles (Sin, Cos & Tan) | Third year, page 4.4 |
| **Patterns** | Complete patterns | TBD |
| | Identify patterns as linear or quadratic | TBD |