**Revision List Assessment 3**

**Year 8 Enhanced Standard**

Topic 8 Number: Fractions

|  |  |
| --- | --- |
| **Topic** | **Clip Number** |
| Find recurring decimals from short divisions | 177 |
| Find reciprocals (include decimals and mixed numbers) | 76 |
| Calculate with mixed numbers | - |

Topic 9 Shape: Angles

|  |  |
| --- | --- |
| **Topic** | **Clip Number** |
| Calculate unknown angles on parallel lines - giving reasons | 120 |
| Calculate unknown angles in polygons - interior and exterior | 123 |
| Construct regular polygons | - |
| Plot bearings | 124 |
| Calculate back bearings | 124 |
| Fix a position using bearings | 124 |
| Understand proofs: angles in triangle, exterior angle = sum of interior | - |

Topic 10 ALGEBRA: Graphs

|  |  |
| --- | --- |
| **Topic** | **Clip Number** |
| Calculate gradients of linear graphs | 97 |
| Apply y=mx+c to plot lines | 96 |
| Find midpoints of lines | 133 |
| Plot graphs using y and x intercepts | - |
| Plot simple quadratic graphs | 98 |
| Identify symmetry/roots/minima/maxima | 160 |

Topic 11 Statistics: Charts and diagrams

|  |  |
| --- | --- |
| **Topic** | **Clip Number** |
| Plot and interpret scatter graphs | 129 |
| Understand correlation | 129 |
| Find equation of line of best fit  | 129 |
| Find median and quartiles for small data sets | - |
| Construct box plots and use to compare data | 187 |
| Use Venn diagrams to sort data | 127a |
| Interpret Venn diagrams - union and intersections | 127b |