

**Maths Vision summary/ Curriculum intent (higher):**

| Week             | Unit | Year 7 - Higher            | Assessment                   | Homework | Unit | Year 8 - Higher                      | Assessment                   | Homework |
|------------------|------|----------------------------|------------------------------|----------|------|--------------------------------------|------------------------------|----------|
| 1                |      | Initial Assessment         | Initial, Autumn              | Weekly   |      | Indices                              | Ongoing soft testing. PA, SA | Weekly   |
| 2                |      | Sets and Venn diagrams     |                              | Weekly   |      | Standard form                        |                              | Weekly   |
| 3                |      | Mental and written methods |                              | Weekly   |      | Angles                               |                              | Weekly   |
| 4                |      | Indices                    |                              | Weekly   |      | Simple and compound interest         |                              | Weekly   |
| 5                |      | Indices                    |                              | Weekly   |      | Expanding and factorising quadratics |                              | Weekly   |
| 6                |      | Accuracy                   |                              | Weekly   |      | Solving quadratics                   |                              | Weekly   |
| 7                |      | Algebraic techniques       |                              | Weekly   |      | Solving quadratics                   |                              | Weekly   |
| <b>October</b>   |      |                            |                              |          |      |                                      |                              |          |
| 8                |      | Algebraic techniques       | Ongoing soft testing. PA, SA | Weekly   |      | Probability                          | Autumn                       | Weekly   |
| 9                |      | Calculating with fractions |                              | Weekly   |      | Assessment                           |                              | Weekly   |
| 10               |      | Probability                |                              | Weekly   |      | Probability                          |                              | Weekly   |
| 11               |      | Inequalities               |                              | Weekly   |      | Averages from Tables                 |                              | Weekly   |
| 12               |      | Surface area and volume    |                              | Weekly   |      | Circumference, area and volume       |                              | Weekly   |
| 13               |      | Transformations            |                              | Weekly   |      | Circumference, area and volume       |                              | Weekly   |
| 14               |      | Transformations            |                              | Weekly   |      | Sequences                            |                              | Weekly   |
| <b>Christmas</b> |      |                            |                              |          |      |                                      |                              |          |
| 15               |      | Fractions                  | Spring                       | Weekly   |      | Linear graphs                        | Ongoing soft testing. PA, SA | Weekly   |
| 16               |      | Assessment                 |                              | Weekly   |      | Linear graphs                        |                              | Weekly   |
| 17               |      | Expanding and factorising  |                              | Weekly   |      | Surds                                |                              | Weekly   |
| 18               |      | Expanding and factorising  |                              | Weekly   |      | Surds                                |                              | Weekly   |
| 19               |      | Averages                   |                              | Weekly   |      | Ratio                                |                              | Weekly   |
| 20               |      | Sequences                  |                              | Weekly   |      | Assessment                           |                              | Weekly   |
| <b>February</b>  |      |                            |                              |          |      |                                      |                              |          |
| 21               |      | Angles                     | Ongoing soft testing. PA, SA | Weekly   |      | Calculating with fractions           | Ongoing soft testing. PA, SA | Weekly   |
| 22               |      | Angles                     |                              | Weekly   |      | Percentages                          |                              | Weekly   |
| 23               |      | Percentages                |                              | Weekly   |      | Percentages                          |                              | Weekly   |
| 24               |      | Percentages                |                              | Weekly   |      | Similarity                           |                              | Weekly   |
| 25               |      | Ratio and proportion       |                              | Weekly   |      | Similarity                           |                              | Weekly   |
| 26               |      | Ratio and proportion       |                              | Weekly   |      | Constructions                        |                              | Weekly   |
| <b>Easter</b>    |      |                            |                              |          |      |                                      |                              |          |
| 27               |      | Pythagoras                 | Summer                       | Weekly   |      | Direct and inverse proportion        | Ongoing soft testing. PA, SA | Weekly   |
| 28               |      | Assessment                 |                              | Weekly   |      | Tessellations and angles review      |                              | Weekly   |
| 29               |      | SOHCAHTOA                  |                              | Weekly   |      | Pie charts                           |                              | Weekly   |
| 30               |      | SOHCAHTOA                  |                              | Weekly   |      | Recurring decimals to fractions      |                              | Weekly   |
| 31               |      | Simultaneous equations     |                              | Weekly   |      | Algebraic fractions                  |                              | Weekly   |
| 32               |      | Simultaneous equations     |                              | Weekly   |      | Pythagoras and trigonometry          |                              | Weekly   |
| <b>Whitsun</b>   |      |                            |                              |          |      |                                      |                              |          |
| 33               |      | Linear graphs              | Ongoing soft testing. PA, SA | Weekly   |      | Assessment                           | Ongoing soft testing. PA, SA | Weekly   |
| 34               |      | Quadratic and cubic graphs |                              | Weekly   |      | Pythagoras and trigonometry          |                              | Weekly   |
| 35               |      | Rearranging formulae       |                              | Weekly   |      | Inequalities                         |                              | Weekly   |
| 36               |      | Review and revision        |                              | Weekly   |      | Simultaneous equations               |                              | Weekly   |
| 37               |      | Assessment                 |                              | Weekly   |      | Simultaneous equations               |                              | Weekly   |
| 38               |      | Enrichment Week            |                              | Weekly   |      | Enrichment Week                      |                              | Weekly   |
| 39               |      | Review                     |                              | Weekly   |      | Review                               |                              | Weekly   |