**Year 8 Maths – Higher – Spring 2 PLC**

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| **Objective** | **HM Videos** | **Self assessment** |
| **R** | **A** | **G** |
| **Review** | **Stretch** |
| **1** | Be able to solve linear equations with unknowns on one sides.  | 178-181 | 182183 |  |  |  |
| **2** | Be able to solve equations with unknowns on both sides. | 184185 | 186 |  |  |  |
| **3** | Be able to represent an inequality on a number line. | 265 | 268 |  |  |  |
| **4** | Be able to solve a linear inequality with an unknown on one side. | 269 | 270 |  |  |  |
| **5**  | Be able to use a formula to find the value of a subject. | 788 | 789 |  |  |  |
| **6** | Be able to change the subject of a simple formula. | 280281 | 282 |  |  |  |
| **7** | Be able to name a quadratic and cubic graph. | 299 |  |  |  |  |
| **8** | Be able to construct a table of values for a quadratic graph. | 251 |  |  |  |  |
| **9** | Be able to plot a graph to solve a quadratic equation. | 257 |  |  |  |  |
| **10** | Be able to find the line of symmetry and the turning point of a graph. | 255 | 256 |  |  |  |

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| **4W ASSESSMENT** | NAME dATE |
| **WWW** (**W**hat **W**ent **W**ell)  |
| **WO** (**W**ork **O**n)  | How I will make progress towards this |
|   |
| Effort | Current Grade(if appropriate) | Target Grade | Tick or stamp when **WO** has been improved |

**Year 8 Maths – Higher – Summer 1 PLC**

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| --- | --- |
| **4W ASSESSMENT** | NAME dATE |
| **WWW** (**W**hat **W**ent **W**ell)  |
| **WO** (**W**ork **O**n)  | How I will make progress towards this |
|   |
| Effort | Current Grade(if appropriate) | Target Grade | Tick or stamp when **WO** has been improved |

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| **Objective** | **HM Videos** | **Self assessment** |
| **R** | **A** | **G** |
| **Review** | **Stretch** |
| **1** | Be able to find speed, distance and time. | 716717 | 718719 |  |  |  |
| **2** | Be able to solve problems involving compound measures. | 722 | 723 |  |  |  |
| **3** | Be able to calculate upper and lower bounds of a simple measurement. | 137 | 138 |  |  |  |
| **5**  | Be able to solve a pair of simultaneous equations by elimination. | 190 | 191 |  |  |  |
| **6** | Be able to solve a pair of simultaneous equations by elimination where one equation must be changed. | 192 |  |  |  |  |
| **7** | Be able to solve a pair of simultaneous equations by elimination where both equations must be changed. | 193 |  |  |  |  |
| **8** | Be able to solve a pair of simultaneous equations by substitution. | 194 |  |  |  |  |
| **9** | Be able to solve a pair of simultaneous equations by graphing. | 218 | 219 |  |  |  |
| **10** | Be able to represent an inequality in two variables on a graph, | 273 | 274 |  |  |  |
|  **11**  | Be able to show the solution of a pair of inequalities in two variables by graphing them. | 275 | 276 |  |  |  |