**20 URA\* Topics (Target: 8/9) after P1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Number and Algebra** | Done | MW | R | A | G |
| Recurring decimals to fractions |  | 177, 189 |  |  |  |
| Upper and lower bounds |  | 206 |  |  |  |
| ~~Surds~~ |  | 207 |  |  |  |
| ~~Completing the square~~ |  | 209 |  |  |  |
| Algebraic fractions |  | 210 |  |  |  |
| Simultaneous Equations – 1 linear, 1 quadratic |  | 211 |  |  |  |
| Solving quadratic inequalities |  | 212 |  |  |  |
| Rearranging formulae |  | 190 |  |  |  |
| Factorising quadratics where a>1 |  | 192 |  |  |  |
| Algebraic Proof |  | 193 |  |  |  |
| ~~Inverse & composite functions~~ |  | 214, 215 |  |  |  |
| Exponential functions |  | 194 |  |  |  |
| **Shape, Space and Measure** | | | | | |
| Circle Theorems, Proof of Circle Theorems |  | 183, 184 |  |  |  |
| Vectors |  | 219 |  |  |  |
| Trigonometric graphs |  | 195 |  |  |  |
| Transformations of graphs |  | 196 |  |  |  |
| 3D Pythagoras’ & Trigonometry |  | 217, 218 |  |  |  |
| Similarity – area & volume scale factors |  | 200 |  |  |  |
| Proving congruency |  | 155 |  |  |  |
| **Statistics** | | | | | |
| Histograms |  | 205 |  |  |  |

MW = Mathswatch VLE and the number refers to the teaching clip(s) associated to the topic.