

## September Pre PPE- Higher Topic List 23-24

Pre PPE-Date: 25 September



Higher pupils have not yet studied the topics in yellow or green.

Top Higher pupils have not yet studied the topics in yellow.

| Topic   | SPARX Maths                           | Corbett Maths |
|---|---------------------------------------|---------------|
| Change the subject of the formula                           | U556                                  | 7,8           |
| Share in a given ratio                                      | U577                                  | 270           |
| Two-way tables  | U981                                  | 319           |
| Problem solving question on volume of a cylinder            | U915                                  | 357,351       |
| Similar shape   | U578                                  | 292           |
| Independent events from probability trees                   | U558                                  | 252           |
| Converting volume units                                     | U468                                  | 351           |
| Speed   | U151                                  | 299           |
| Reverse Mean  | U291                                  | 53a           |
| Standard form   | U161, U264, U290,<br>U534, U330       | 300, 302      |
| Expand single brackets and simplify                         | U179                                  | 13            |
| Integer solutions to inequalities                           | U759, U145                            | 176/177       |
| Error intervals   | U657, U301                            | 377           |
| Cumulative frequency diagrams                               | U182, U642                            | 153,154       |
| Laws of Indices   | U662, U985, U772                      | 174           |
| Expand triple brackets                                      | U606                                  | 15            |
| Product rule for counting                                   | U369                                  | 383           |
| Circle theorems   | U808                                  | 65            |
| Combining Ratio   | U921, U753                            | 271d          |
| Calculating with upper and Lower Bounds                     | U587                                  |               |
| Compound Interest   | U332                                  |               |
| Proving two triangles are congruent                         | U866, U887                            | 67            |
| Find the turning point of quadratic graphs                  | U397                                  | 10            |
| Algebraic Fractions   | U437, U824, U103,<br>U294, U685, U457 | 267           |
| Vectors   | U781, U564, U660,<br>U903, U560       | 353           |
| Density problem solving question                            | U842, U910                            | 384           |
| Problem solving question involving the sine and cosine rule | U952, U591                            | 32,335,333    |

### Websites

<https://corbettmaths.com/>

[www.sparxmaths.co.uk](http://www.sparxmaths.co.uk)