

# Summer Term – Remotely Learning Plan

## Year 10 Foundation – Maths

If you do not have access to the internet, Textbook Edexcel GCSE Maths Foundation is available from The Birkenhead Park School reception.

| Week:                        | Instructions to Parents/Students   |
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| 28B – 20 <sup>th</sup> April | <p><b>Subtracting Mixed Numbers / Area of a Circle</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 139, 140, 132, 133, 59. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 159. Section 7.4 and matching exercise. Page 274. Section 11.6 and matching exercise.</p>                 |
| 29A – 27 <sup>th</sup> May   | <p><b>Substitution / Set up and Solve Equations</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 20, 115 . Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 205. Section 9.2 and matching exercise. Page 357. Section 15.1 and matching exercise.</p>                                  |
| 30B – 4 <sup>th</sup> May    | <p><b>Area</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 49, 45, 42, 41, 48, 300. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Pages 255, 257, 260, 265, 266. Section 11.1-11.5 and matching exercise.</p>   |
| 31A – 11 <sup>th</sup> May   | <p><b>Ratio</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 269, 269a, 270, 271. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 231. Section 10.1 and matching exercise.</p>  |
| 32B – 18 <sup>th</sup> May   | <p><b>Reflection / Translations</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 273, 274, 272, 326 . Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 290. Section 12.3 and matching exercise. Page 286. Section 12.2 and matching exercise.</p>                                      |
| 33A – 1 <sup>st</sup> June   | <p><b>Venn Diagrams / Enlargements</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 380, 104, 105. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 554. Section 24.3 and matching exercise. Page 299. Section 12.5 and matching exercise.</p>   |
| 34B – 8 <sup>th</sup> June   | <p><b>Relative Frequency / Volume of a cylinder</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 248, 357. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 315. Section 13.1 and matching exercise. Page 350. Section 14.4 and matching exercise.</p>                                 |
| 35A – 15 <sup>th</sup> June  | <p><b>Indices and Powers / Expanding double Brackets</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 212,213,214,226, 227, 228, 14. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 126-127. Section 5.5-5.6 and matching exercise. Page 214. Section 9.5 and matching exercise.</p> |

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| 36B – 22 <sup>nd</sup> June   | <p><b>Rearranging Formulae / Index Laws</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 7, 8, 17, 18. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 223. Section 9.7 and matching exercise. Page 571-573. Section 25.1-25.2 and matching exercise.</p>  |
| 37A – 29 <sup>th</sup> June   | <p><b>FDP Equivalence / Pie Charts</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 129, 130, 164. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 373. Section 16.1 and matching exercise. Page 414. Section 18.2 and matching exercise.</p>  |
| 38B – 6 <sup>th</sup> July    | <p><b>Angles</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 25, 32, 33, 34, 35. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 89-105. Section 4.1- 4.6 and matching exercise.</p>  |
| 39A – 13 <sup>th</sup> July   | <p><b>Proportion</b><br/> <b>INTERNET:</b> www.corbettmaths.com watch videos 255a, 256. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text<br/> <b>TEXTBOOK:</b> Edexcel GCSE Maths Foundation. Page 242. Section 10.3 and matching exercise.</p>  |
| EXTENDED<br>SUMMER<br>PROJECT | <p><b>Data Analysis: My sock drawer. Use <a href="http://www.corbettmaths.com">www.corbettmaths.com</a> for video resources to support your project</b><br/> Task 1 : Create a tally chart for the different types of socks in your drawer (possible categories- black, white, coloured, spotty, cartoon, odd)<br/> Task 2: Display this information using different types of graphs. Then find the different averages of your data. Mean, Mode, Median and Range<br/> <ul style="list-style-type: none"> <li>• Bar Chart- Video 147, Pictogram- Video 161, Frequency Polygon- Video 155, Pie Chart- Video 163</li> </ul> Task 3: Try to collect data for other objects in your house hold and draw graphs for them too. eg types of cups, t shirts etc</p> |