

Summer Term – Remotely Learning Plan

Year 10 Higher – Maths

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

Week:	Instructions to Parents/Students
28B – 20 th April	Simultaneous Equations INTERNET: www.corbettmaths.com watch videos 295, 296, 297. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 408-411. Section 15.2-15.4 and matching exercise.
29A – 27 th May	Density / Pressure INTERNET: www.corbettmaths.com watch videos 384, 385. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 132. Section 5.4 and matching exercise. Page Section and matching exercise.
30B – 4 th May	Negative and Fractional Indices INTERNET: www.corbettmaths.com watch videos 174, 173, 175. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 442. Section 16.3 and matching exercise.
31A – 11 th May	Fractions to Decimals INTERNET: www.corbettmaths.com watch videos 96, 124. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 44. Section 2.4 and matching exercise. Page 437. Section 16.1 and matching exercise.
32B – 18 th May	Surds INTERNET: www.corbettmaths.com watch videos 305, 306, 307, 308. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 447. Section 16.4 and matching exercise.
33A – 1 st June	Cumulative Frequency INTERNET: www.corbettmaths.com watch videos 153, 154. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 517. Section 18.3 and matching exercise.
34B – 8 th June	Transformations of graphs INTERNET: www.corbettmaths.com watch video 323. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 655. Section 23.7 and matching exercise.
35A – 15 th June	Bounds / Quadratic nth Term INTERNET: www.corbettmaths.com watch videos 377, 388a, 388b, 388c. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 452. Section 16.5 and matching exercise. Page 105-108. Section 4.6- 4.7 and matching exercise.

36B – 22 nd June	<p>Box plots INTERNET: www.corbettmaths.com watch videos 149, 150. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 523. Section 18.4 and matching exercise.</p>
37A – 29 th June	<p>Pythagoras in 3D INTERNET: www.corbettmaths.com watch videos 257, 258, 259. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 305- 314. Section 11.1- 11.5 and matching exercise.</p>
38B – 6 th July	<p>Compound interest INTERNET: www.corbettmaths.com watch video 236. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 140. Section 5.5 and matching exercise.</p>
39A – 13 th July	<p>Trigonometry- Angles, sides, problem solving. INTERNET: www.corbettmaths.com watch videos 329, 330, 331, 332. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text TEXTBOOK: Edexcel GCSE Maths Higher. Page 316- 332. Section 11.6- 11.11 and matching exercise.</p>
EXTENDED SUMMER PROJECT	<p>Data Analysis: My sock drawer. Use www.corbettmaths.com for video resources to support your project Task 1 : Create a tally chart for the different types of socks in your drawer (possible categories- black, white, coloured, spotty, cartoon, odd) Task 2: Display this information using different types of graphs. Then find the different averages of your data. Mean, Mode, Median and Range</p> <ul style="list-style-type: none"> • Bar Chart- Video 147, Pictogram- Video 161, Frequency Polygon- Video 155, Pie Chart- Video 163 <p>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>