Summer Term – Remotely Learning Plan

Year 8 – Maths

If you do not have access to the internet, Textbook Collins Maths Frame working 2.1 is available from The Birkenhead Park School reception.

Week:	Instructions to Parents/Students
28B – 20th April	**Rounding Numbers: Rounding to whole numbers, 10,100,1000** **INTERNET:** www.corbettmaths.com watch videos 276, 277a, 277b. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 137- 138. Section 8.1- 8.2 and matching exercise.
29A – 27th May	**Rounding Numbers: Decimal places, significant figures** **INTERNET:** www.corbettmaths.com watch videos 278, 279a. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 141- 146. Section 8.3- 8.5 and matching exercise.
30B – 4th May	**Circles: Parts of a circle, Circumference of a circle** **INTERNET:** www.corbettmaths.com watch videos 61, 60. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 241- 245. Section 14.1- 14.2 and matching exercise.
31A – 11th May	**Circles: Area of a circle / Problem solving** **INTERNET:** www.corbettmaths.com watch videos 59, 62. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 246- 248. Section 14.3 and matching exercise.
32B – 18th May	**3D shapes: Properties of 3D shapes, Nets of 3D shapes, Plans and Elevations / Congruent Shapes** **INTERNET:** www.corbettmaths.com watch videos 3, 5, 4, 354. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 189. Section 11.1 and matching exercise.
33A – 1st June	**Volume of shapes: Volume of cubes and Cuboids, Volume of Prisms and Cylinders / Area** **INTERNET:** www.corbettmaths.com watch videos 355, 356, 357, 358, 350 . Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 97- 100. Section 6.1- 6.2 and matching exercise.
34B – 8th June	**Volume of shapes: Volume of composite shapes, Converting units / Area** **INTERNET:** www.corbettmaths.com watch videos 358, 350 . Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 105- 114. Section 6.3-6.4 and matching exercise.
35A – 15th June	**Surface Area of shapes: SA of Cubes and Cuboids / Sequences** **INTERNET:** www.corbettmaths.com watch videos 310. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 83- 84. Section 5.1- 5.2 and matching exercise.

36B – 22nd June	**Surface Area of shapes: SA of Prisms and Cylinders / Sequences** **INTERNET:** www.corbettmaths.com watch videos 311, 312, 315. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 89- 92. Section 5.3 and matching exercise.
37A – 29th June	**Averages: Range, Median, Mode and Mean** **INTERNET:** www.corbettmaths.com watch videos 57, 50, 56, 53. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 271. Section 16.2 and matching exercise.
38B – 6th July	**Averages: Averages from frequency tables** **INTERNET:** www.corbettmaths.com watch videos 54, 51. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 269. Section 16.1 and matching exercise.
39A – 13th July	**Data Analysis: Types of graphs- Bar Charts, Conversion Graphs, Pictograms, Frequency Polygon, Pie Charts, Scatter Graphs** **INTERNET:** www.corbettmaths.com watch videos 148, 152, 162, 156 164, 166. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 2.1. Page 153- 166. Section 9.1- 9.4 and matching exercise.
EXTENDED SUMMER PROJECT	**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 • Bar Chart- Video 147, Pictogram- Video 161, Frequency Polygon- Video 155, Pie Chart- Video 163 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