Summer Term – Remotely Learning Plan

Year 9 – Maths

If you do not have access to the internet, Textbook Collins Maths Frame working 3.1 is available from The Birkenhead Park School reception.

Week:	Instructions to Parents/Students
28B – 20th April	**Fractions: Add, Subtract, Multiply and Divide** **INTERNET:** www.corbettmaths.com watch videos 133, 142, 134. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 115- 124. Section 7.1- 7.3 and matching exercise.
29A – 27th May	**Percentages: Increase, Decrease, Reverse** **INTERNET:** www.corbettmaths.com watch videos 238, 239, 240. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 10-22. Section 1.1- 1.4 and matching exercise.
30B – 4th May	**Expressions: Collecting like terms, Expanding Brackets, Factorising** **INTERNET:** www.corbettmaths.com watch videos 9, 117. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 129- 136. Section 8.1- 8.3 and matching exercise.
31A – 11th May	**Equations: Solving equations** **INTERNET:** www.corbettmaths.com watch videos 110, 111,113, 114, 115. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 27- 37. Section 2.1- 2.5 and matching exercise.
32B – 18th May	**Graphs: Equations, Gradients, Intercepts** **INTERNET:** www.corbettmaths.com watch videos 187, 189, 191. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 175- 178. Section 11.1- 11.2 and matching exercise.
33A – 1st June	**Compound Measure: Finding speed, distance and time** **INTERNET:** www.corbettmaths.com watch videos 299. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 193- 202. Section 12.1- 12.3 and matching exercise.
34B – 8th June	**Ratio and Proportion / Enlargement** **INTERNET:** www.corbettmaths.com watch videos 269, 271, 104, 105. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 97- 110. Section 6.1- 6.3 and matching exercise.
35A – 15th June	**Angles: Angle facts, Angles in a Polygon** **INTERNET:** www.corbettmaths.com watch videos 25, 30, 32, 33, 34, 35, 39. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 45-54. Section 3.1- 3.3 and matching exercise.

36B – 22nd June	**Circles: Circumference, Area** **INTERNET:** www.corbettmaths.com watch videos 61, 59, 60, 62. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 83- 92. Section 5.1- 5.3 and matching exercise.
37A – 29th June	**Data: Bar Charts, Pictograms, Stem and Leaf, Scatter Graphs, Pie Charts, Frequency Polygons, Two way tables** **INTERNET:** www.corbettmaths.com watch videos 148, 170, 166, 164, 156, 319. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 59-74. Section 4.1- 4.5 and matching exercise.
38B – 6th July	**Area and Perimeter / Volume and Surface Area** **INTERNET:** www.corbettmaths.com watch videos 42,41, 48, 241, 355, 356, 310. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 159- 166. Section 10.1- 10.3 and matching exercise.
39A – 13th July	**Pythagoras / Revision and GCSE Preparation** **INTERNET:** www.corbettmaths.com watch videos 257. Answer practice questions and complete textbook exercises. Answers to be found by clicking on the purple text **TEXTBOOK:** Text book 3.1. Page 220- 254. Section PRACTICE, REVISION, GCSE STYLE QUESTIONS 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