Preparing for Core Maths Independent Work –

Below are some videos on Corbett Maths (www.corbettmaths.com) which can help you prepare for Core Maths in September. These are the basic GCSE maths skills that you need as a starting point for the course.

Search the video numbers and try the quiz or linked worksheets. All Corbett maths worksheets have a link through to the answers so you can check your work. They also have more challenging questions under the 'apply' section at towards the bottom of each sheet.

I recommend trying a few simple and difficult from each worksheet first, if you get them right then move on to the next one. If you struggled, then watch the video first, before spending some quality time working your way through it.

This ability to identify your own development areas, organise yourself and prioritise your independent study is a key set of skills needed for success in 6th form and beyond.

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Types of Data	342 - Types of data: Qualitative & Quantitative 343 - Types of data: discrete & continuous 343a - Types of data: primary & secondary
Collecting & Sampling Data	281 - Sampling: stratified 282 - Sampling: random
Numerical Representations of Data	50 - Averages: median 51 - Averages: median (frequency table) 52 - Averages: median (grouped data) 53 - Averages: mean 54 - Averages: mean (frequency table) 55 - Averages: mean (estimated) 56 - Averages: mode 57 - Averages: range
Diagrammatic Representations of Data	149 - Graphs: box plots- draw\interpret 150 - Graphs: box plots (compare) 151 - Graphs: conversion graphs (draw) 152 - Graphs: conversion graphs (interpret) 153 - Graphs: cumulative frequency (draw) 154 - Graphs: cumulative frequency (reading)

	155 - Graphs: frequency polygons (draw) 156 - Graphs: frequency polygons (reading) 157 - Graphs: histograms (draw) 158 - Graphs: histograms (interpret) 159 - Graphs: histograms harder 160 - Graphs: line graphs 169 - Graphs: stem and leaf (draw) 170 - Graphs: stem and leaf (interpret)
Numerical Calculations	183 - Limits of accuracy 184 - Limits of accuracy (applying) 214a - Number: currency 215 - Number: estimation 279a - Rounding: significant figures 280 - Rounding: highest/lowest values 285 - Sensible estimates 300 - Standard form 352 - Use of a calculator 373 - Iteration 377 - Error Intervals
Percentages	121 - FDP: percentages to decimals 122 - FDP: percentages to fractions 129 - FDP: key equivalents 130 - FDP: mixture 233 - Percentages: change 235 - Percentages: of an amount (calc) 236 - Percentages: compound interest 237 - Percentages: expressing as 238 - Percentages: increasing\decreasing 239 - Percentages: multipliers 240 - Percentages: reverse
Algebraic Manipulation	7 – Algebra: changing the subject 20 - Algebra: substitution 110 – solving equations