## KS3 Learning Journey Support – Year 8 Learning Cycle 4

Please watch the video on <u>www.corbettmaths.com</u> for each topic.

Topics	Video
	number
Functions, coordinates and graphs	
Recognise functions written in algebra and work out input and	186
output values.	
Plot co-ordinates in all four quadrants. Recognise the x and y	84
values of co-ordinates.	
Plot linear graphs parallel to the axes and that follow one and two	192, 193
step functions.	
Plot graphs of quadratic and cubic functions	264, 344
Read and use graphs.	
Statistics	
Recognise how surveys and sampling methods can be biased.	281a
Record raw data into frequency tables, including grouped	
frequency tables.	
Recognise discrete, continuous, qualitative and quantitative data	342, 343
types.	
Draw and interpret pictograms, bar charts, pie charts and scatter	147, 148,
graphs.	161, 162,
	163, 164,
	165
Read and interpret timetables.	320
Recognise how graphs can be misleading.	160a
Calculate the mean, median, mode and range of a set of listed	50, 53, 56,
data.	57
Work backwards from knowing an average to working out missing	
data items.	