

Unit 7 Statistics, Sampling and Averages:

Objective	Sparx Task	
Understand different types of data and how it could be collected.	U322	
Understand population, sample and bias.	U162	
Find mean, median, mode and range for a small data set.	U677	
Find these measures of spread from different sources such as frequency tables and bar charts etc.	U854 U569	
Estimate the mean from a grouped frequency table.	U877	
Recognise the advantages/disadvantages from using the different measures of spread.		
Use measures of spread to compare data and draw conclusions		

Unit 8 Area and Volume:

Objective	Sparx Task	
Read and interpret various scales, including decimals and fractions		
Measure shapes to find areas and perimeters of squares, rectangles, parallelograms, trapezia and compound shapes.	U226	
Recall and use the formula to find areas of squares, rectangles, parallelograms and trapezia	U424 U343	
Calculate areas and perimeters of compound shapes	U226	
Understand and use nets of 3D shapes	U761	
Recognise, name and use properties of common solids such as cuboids, cylinders, cones, prisms, pyramids and spheres		
Recall and use formula for volume of a cuboid.	U786	
Find volume and surface area of prisms	U174	
Use formulae to find volumes and surface areas of spheres, cones, pyramids and composite solids		
Estimate measures by using bounds and approximations.	U657	

