

Shape and Handling Data:

Objective	Sparx Task	
Recap area and circumference of a circle (new to those in set 3 last year)	M169, M231	
Calculate the volume of a right prism	M722	
Calculate the surface area of a right prism	M661	
Calculate the volume of a cylinder	M697	
Calculate the surface area of a cylinder	M936	
Calculate the volume of a sphere	U617	
Change between metric units of area and volume	M728, M465	
Problem solving with volume and surface area	U426	
Work out the length of an arc	M280	
Work out the area of a sector	M430	
Problem solving with arc length and sector area	M280, M430	
Construct enlargements using fractional scale factors	U519	
Construct enlargements using negative scale factors	U134	
Find modal class, class in which the median lies and mean from a grouped frequency table	U312	
Compare distributions of mean, median, mode and range from grouped, continuous and discrete data		
Interpret and calculate quartiles and interquartile range from a list	U642	
Construct and complete boxplots	U879	
Interpret boxplots	U837	

Compare boxplots	U507	
Construct a cumulative frequency diagram	U182	