

Transformations, Area and Volume and Handling Data:

Objective	Sparx Task	
Find a perpendicular height of parallelogram	M291	
Find area of a parallelogram	M291	
Base and height of a triangle	M610	
Area of a triangle	M610	
What is a trapezium	M705	
Height of a trapezium	M705	
Area of a trapezium	M705	
Area of a trapezium practice	M705	
Trapezium area problems	M705	
Find missing lengths of a shape when given the area	M303	
Compound area	M269	
Surface area of simple shapes (prisms) using the formulae for triangles and rectangles	M534, M661	
Volume of a cube or cuboid Volume of prisms including cylinders	M765, M722	
Change between units of volume	M761	
Convert between metric measures for area and volume	M728	
Reflect in named lines e.g $x=2$ $y=4$	M290	
Transform by rotation about a given point on a coordinate grid	M910	
Translate using column vector notation	M139	

Median from a list of data	M934	
Mode and range from a list of data	M328, M841	
Mean from a list of data	M940	
Compare two sets of data using averages and range	M328	
Find missing values in a list when given averages and range	M940	
Adjust the mean when data is added or taken away from the list	M940	
Complete frequency tables and tally charts from lists	M127	
Find averages and range from discrete frequency table	M127	
Organising data into groups	M287	
Averages and range from grouped frequency data	M287	