

**Graphs, Gradients and Areas Under Graphs**

Objective	Sparx Task	
1.Recognise, sketch and interpret graphs of the reciprocal function and simple exponential graphs.	U593 U229	
2.Interpret and analyse translations of functions and graphs including linear, quadratic and cubic functions.	U445	
3.Interpret and analyse reflections of functions and graphs including linear, quadratic and cubic functions.	U598	
4.Estimate the area under a curve by dividing into trapezia.	U882	
5.Estimate the gradient of a curve at a point using tangents.	U800	
6.Use distance/time and velocity/time graphs as practical applications of areas under graphs and gradient of tangents	U562	
7.Interpret gradient and areas under graphs in other contexts.	U611	