

Forces and light

Colour in the list as you work through the module. Remember:
RED – do not understand, ORANGE – Not to sure , GREEN – Fully understand

Target	Traffic light
I can plot force–extension graphs for a spring or rubber band.	
I can use arrows to represent forces.	
I can identify situations in which forces are balanced and unbalanced.	
I can recognise that forces can act in combination to produce a net effect that depends on size and direction of the forces.	
I can investigate ways of reducing friction.	
I can explain the importance of friction to motion such as walking.	
I can understand the effects of friction, upthrust and weight.	
Materials can affect light in three ways. They can reflect, absorb or transmit it.	
I can classify materials according to the way they affect light.	
I can understand that the ray is a way of showing the direction of travel of light.	
I can describe a range of sounds and the vibrations of their sources.	
I can recognise that sound travels at a measurable speed (which is much slower than the speed of light).	
I can relate sound qualities to representations on an oscilloscope screen.	