

# Progression in Physics

	Contact and non-contact forces affecting motion	Explaining day, month and year length and identifying seasonal change	Properties of light and sound	Using electricity to make things work
Y6			Light travelling in straight lines, reflection, understanding of shadows; and vision	Changing a circuit to control outputs; using symbols
Y5	Effects of friction and gravity; uses of simple machines	Shape and movement of sun, earth, moon and planets; explanation of day and night.		
Y4			How sounds are made, transmitted and get weaker; how volume and pitch are altered	Function of components and complete circuit; conductors and insulators; appliances.
Y3	Magnetism: force at a distance, poles and attraction; friction		Light enabling vision but dangerous in excess; reflection, shadow formation and variation of shadow size/shape	
Y2				
Y1		Observing changes in day length and season		