

YEAR 7—SCIENCE

Energy and Forces	
Know:	<ul style="list-style-type: none">• The 8 energy stores and 4 energy transfers• Units of energy are joules (J)• Definition of conservation of energy• Know what a force is and the effects that they have on objects• Units of force are newtons (N)• Define work done as energy transferred
Can:	<ul style="list-style-type: none">• Give examples of the 8 energy stores and 4 energy transfers• Convert between joules and kilojoules• Know how to solve an equation e.g. work done = force x distance• Give examples of contact and non-contact forces• Identify situations where forces are in equilibrium• Calculate resultant force