

Year 7 Physics Progression Grid

Outcomes	Energy	Current Electricity	Forces
Emerging	I can state that energy is stored in food and fuel.	I can state that electrical appliances have power ratings (W, kW).	I can state that magnetism is a non-contact force that will affect magnetic materials within the magnetic field.
Developing	I can give some examples of energy stores.	I can identify series and parallel circuits. I can state that electrical current is the same in all parts of a series circuit and that potential difference is shared.	I can recall the effects of forces on an object.
Secure	I can describe how the energy in different energy resources can be used.	I can describe how to correctly connect an ammeter and a voltmeter to a circuit.	I can describe how the extension of a spring depends on the force applied.
Advanced	I can compare and contrast energy resources.	I can describe how a bulb of an increased potential difference will be brighter. I can describe how in a parallel circuit the potential difference is the same for each branch as the battery or cell.	I can explain the effects of balanced and unbalanced forces in unfamiliar situations.
Excelling	I can use the appropriate equations to calculate different types of energy	I can describe how electricity is produced from fossil fuels.	I can explain applications of pressure in different situations.