

Science Vision Map

Year 6 – Electricity

Crucial Knowledge	Intent
<ul style="list-style-type: none">• Electricity is a form of energy.• Electrical current means the movement of electricity.• Electricity can be dangerous and must be used carefully. It should never be mixed with water.• Batteries should be used for investigating circuits. Mains electricity should never be used for investigations.• A complete circuit is needed for a device to work.• An electrical circuit is a path of electrical current.• Voltage is the pressure of electrical currents being pushed through a circuit.• A higher voltage increased the output (eg. a brighter light or louder noise).	<ul style="list-style-type: none">• Recap – Forces (Year 5)• Making circuits• Voltages in a circuit• Making a buzzer louder and a lamp brighter• Change and compare circuits: giving reasons for differences• Using symbols in a diagram of a simple circuit