

Newton Tony Primary School CE VC
Science key skills and knowledge

Electricity

Year 4	I know that all electrical appliances need a power source, eg batteries or mains electricity.
	I know that some metals eg.copper, allow electrical charge to pass through them quickly and these are known as electrical conductors.
	I know that wood and plastic do not allow electrical charge to pass through them easily and these are known as electrical insulators.
Year 6	I know that the voltage of a circuit can be changed (include more battery power) and how this affects bulb brightness (or buzzer volume).
	I can draw circuit diagrams, including the recognised symbols for common components and using straight lines.
	I know the components in a series circuit (including buzzer and motor).