Knowledge Organiser Year 6 Unit: Electricity Unit: Electricity Unit: Electricity			
	OCKET WORDS Learn these words and their definitions.		FACTOIDS: bu find out more? Explain how objects become
Key Word	Definition	SWITCH (closed) CELL AMMETER	w is static electricity created?
static electricity	Electricity that collects on the surface of an object, which can cause an electric shock.	FUSE GROUND VOLTMETER A1. FI →→ _→ _→ → → → → → → → → → → → → → → →	riction on an object s an electric charge. low does a wind-up
filament	A thin piece of wire with a high melting point, used in bulbs.	RESISTOR BUZZER LDR It work	torch work? s through a dynamo turns mechanical
voltage	An electric force which 'pushes' the electric current round the circuit.	A simple th	to electrical energy rough a simple lectromagnet.
insulator	A material which doesn't conduct electricity.		low are insulators helpful? Build a set of traffic lights
conductor	A material that electricity can flow through easily.	so yo	u don't receive an electric shock! Explain how variable resistors can work like a switch
fuse	A safety device on a circuit that can stop current from flowing if it becomes overheated.		Electricity
component	An individual part in an electronic circuit.	understa	t will help you explore different types of electricity as well as anding what makes up a circuit. You will learn about this by a circuit diagrams and by building your own circuits. You will
variable resistor	A device which varies the amount of electric current allowed to flow through a circuit.	Atom structure Proton Atom structure	k about what materials conduct and which insulate, so you out safety with electricity. It will also help you learn about ortance of saving energy.
	Developing Experts	Electron	anding electricity is important for many careers which circuitry and installation of electrical devices. It is also or being able to do quick jobs safely and with knowledge.