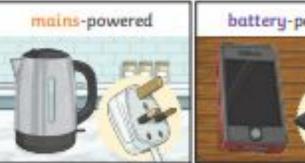
Ø		Science - Electi	ricity Unit 6			y of everyday materials, including wood,
GILES BROOK	(SCHOOL	Useful web https://www.bbc.co.uk/bitesize/topic: https://school-learningzone.co.uk/key tsound_and_electricity/electricity/e	s/zj44jxs v_stage_two/ks2_science/ligh	coins, cans, cars and ta	ble legs; wood can be used for r e used for the same thing (spool	for particular uses (metal can be used for natches, floors, and telegraph poles) or 1s can be made from plastic, wood, metal,
Key Vocab	ulary		Components (Parts) V	'ocabulary		
electricity	The flow of a material,	an electric current through e.g. from a power source res to an appliance.	cell: Normally, we would call this a battery but scientifically, this is a cell.	complete circuit.	buzzer: Makes a noise in a complete circuit.	
appliances	designed to job, such as mobile pho		Two or more cells joined together form a battery.	3.		
battery	as a chemi	at stores electrical energy cal. Two or more cells joined rm a battery.	wires: Used to connect the different components		switch: Used to turn other components in the	
circuit	around. It power supp (parts) you	that <b>electricity</b> can flow is based around wires and a oly. Examples of components can add in to a <b>circuit</b> are ches, buzzers and motors.	in the circuit together.	complete circuit.	circuit on or off.	
Serie A circuit wh components in a loop. Electricity fl through each component i single pathw	are connecte ows n a	ed Electricity can flow. The components will work.	Incomplete Circuit There is a break in the circuit that prevents the electricity from flowing. components will not wo	circuit. When off, a stop the flow of switch 'completes' t	ased to open or close a switch 'breaks' the circuit <b>felectricity</b> . When on, a the circuit and allows the switch	

key Vocabi	ilary		
mains electricity	Electricity supplied through wires to a building.		
electrical conductor	A conductor of electricity is a material that will allow electricity to flow through it.		
electrical insulator	Materials that are electrical insulators do not allow electricity to flow through them.		
ppliances			
or them to	day appliances rely on electricity work. Some appliances use mains are plugged into a socket) and others		
	tery to make them work. Examples		





Key Knowledge **Examples of Electrical Conductors Examples of Electrical Insulators** plastic wood rubber fabric steel copper paper glass To work safely with circuit components in the classroom: None of the equipment needs to use mains power, so do not put any of it Connect equipment correctly. in or near plugs.

 Report any damaged or broken equipment to your teacher. Do not use it.

- Only use equipment as instructed.
- Disconnect equipment after use and . put it away neatly.

