		K	1. How do things work?] [5. How do	es a smitch mork?	
Do'sDon'tsAsk your parents' permission to conduct any experiments at home. Always read and follow safety rules and advice.Always have dry hands when using electrical equipment. Don't use items with damaged wires.		Many everyday appliances rely on elect for them to work. Some appliances use electricity (are plugged into a socket) and have a battery to make them work. Exa of mains-powered appliances include to and televisions. Battery-powered appliance	mainsSwitchesotherscircuit. When the second seco	Switches can be used to open or close circuit. When off, a switch 'breaks' the circuit to stop the flow of electricity. When on, switch 'completes' the circuit and allows the electricity to flow.		
	Vocabulary		include mobile phones and torches.			
Electricity		current through a material, rce through wires to an ap-	mains-powered battery-power		push button switch	
Appliances		or a device designed to per- such as a washing machine			SCIENCE*	
Battery		ectrical energy as a chemi- ls joined together form a	Series Circuit			
Circuit	A pathway that electric	ity can flow around.	A circuit where the	Complete Circuit	Incomplete Circuit There is a break in the	
omponents (P	arts) Vocabulary		components are connected		circuit that prevents the	
ell: Normally, we would all this a battery but cientifically, this is a cell. wo or more cells joined		a buzzer : Makes a noise a complete circuit.	in a loop. Electricity flows through each		electricity from flowing. The components will not work.	
ogether form a b			single pathway. 🌮 🛛 👢 🔤	<mark>Electricity</mark> can flow. The components will work.		
ires: Used to co ne different com		switch: Used to turn other components in t circuit on or off.	he Marianna Woodson Cobb - first	Careers: Electricians, br	roadcast	