Year 4: Knowledge is power. How do those who work with electricity keep safe?

<u>What is electricity?</u>	<u>A simple series electrical circuit.</u>		Vocabulary
know this as lightning and static electricity.		appliance / device	A piece of equipment that needs electricity to work.
		battery	A component that uses the cell to create a push of electrical energy (voltage) around the circuit.
		bulb	A component that produces light.
		buzzer	A component that produces sound.
		cell	A device which stores electrical energy as a chemical.
Electrical Appliance This could be any piece of equipment or device that requires electricity to work. 30 second challenge Think of your day. What equipment and devices have you used that		component	A part of the electric circuit.
		connect	To join electrical components together.
		mains	The electricity supplied to buildings.
		plug	It connects an appliance or device to the mains.
required electricity?	bulb bulb holder battery cell	short circuit	A problem with the electrical circuit.
<u>Did you know?</u> You can build on your Year 1 and Y 2 knowledge about materials.	0-1 2 3 4 3 6 7 8 9 10 11 11 11 0-1	symbol	A simple picture that represents the electrical component.
One of the properties of materials whether it is a <u>conductor</u> or an <u>insulator</u> .		CRC Article 17 All children ha find out inform	ave the right to RIGHTS