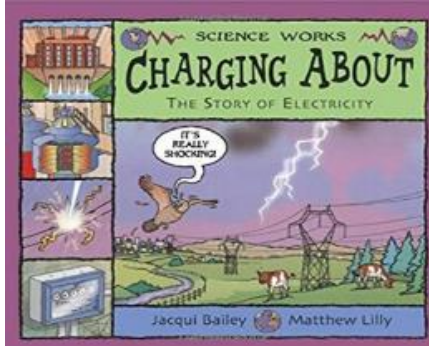
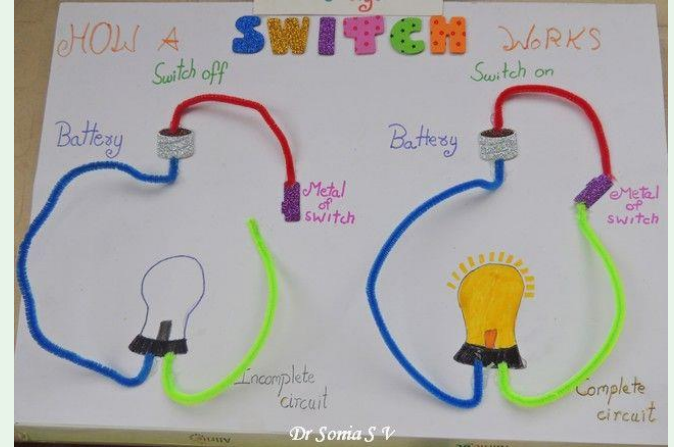


Oaks: Power it up

Subject Specific Vocabulary		Interesting Book	Sticky Knowledge about electricity
circuit	An electrical circuit is a completed path through which an electrical current flows.		☐ Electricity can be generated by from power stations, wind, the sun, water and even animal poo!
buzzers	A buzzer is device that makes a sound. They are used as alarms and door bells.		☐ Electricity is a type of energy that can build up in one place to flow to another.
conductor	A conductor is an object or type of material that allows electrical current to flow through		☐ A power station is a place where electricity is created and sent to our homes.
battery	A battery is a device that stores chemical energy and makes it available in an electrical form.		☐ An electrical conductor allows electricity to flow through it. Most metals conduct electricity. Many electrical wires are made of copper
cells	An electrical cell is a device that is used to generate electricity.		☐ An insulator does not allow electricity to pass through. Rubber is an example of a good insulator.
switch	A switch is an electrical component that can 'make' or 'break' an electrical circuit.	What you should know/ be able to do at the end of this topic ☐ Know about common appliances that run on electricity. ☐ Know how to construct a simple series electrical circuit. ☐ Identify and name the basic parts of the circuit, including cells, wires, bulbs, switches and buzzers. ☐ Know that a switch opens and closes a circuit. ☐ Know about some common conductors and insulators. ☐ Know that most metals are good conductors.	
socket	Sockets allow electrical equipment to be connected to the power supply in buildings and at other sites.		
appliance	An electrical appliance is a device that uses electricity to perform a function. Examples are toasters, hairdryers, televisions, lamps.		
insulator	An insulator is a material that electricity cannot pass through		