










Science Summer 2: Electricity - Electric Personalities

Science Vocabulary

appliances	electricity	device	electrical	circuit	symbol
cell	wire	bulb	buzzer	danger	clip
electrical	safety	negative	insulators	switch	motor
open	closed	components	motor	mains	non-metal
plug	positive	negative	connect	battery	metal
● I don't know yet ● I know what it means ● I can use it in a sentence					

Lesson	Learning Objective	Science LO	AFL
1	LO: To explore various electrical items and ask questions about them. To learn basic scientific facts and vocabulary about electricity as an energy source.	Asking questions and planning enquiries  	
2	LO: To explore how electrical components can be arranged to make a bulb light up and draw conclusions. To make predictions and test them out.	Interpreting + communicating results  	
3	LO: To discover that some materials allow electricity to flow through them (electrical conductors) and others do not (electrical insulators). To test materials for conduction, record findings and conclude.	Fair and Comparative testing  	
4	LO: To design a circuit with a particular function within a working model, choose the type of switch and components needed. To draw a diagram to represent the circuit (Yr3) using recognised symbols (Yr4).	Recording  	
5	LO: To construct an electrical circuit to perform a planned function within a working model, including a switch. To solve problems and make adaptations during the making process to overcome difficulties using knowledge of series circuits.	Pattern seeking 	
6	LO: To test and improve a working model that uses an electrical circuit. To report to others on the making of their model and the electrical circuitry it contains using appropriate technical and scientific vocabulary.	Fair and Comparative testing 