

## Part 4 What is electricity?

Activity No	Activity Name	Lesson type	Activity Description	
4.1	<a href="#">Making a globe light up</a>	Engage & Explore	Students discover the fundamentals of making an electric circuit work.	Optional
		Hands-on		
		Medium		
4.2	<a href="#">Showing electric circuits</a>	Explore	Students will design their own symbols to represent components in an electric circuit.	
		Classroom		
		Short		
4.3	<a href="#">Heating water with electricity</a>	Explore & Explain	Students construct an electric water heater using high resistance wire.	
		Hands-on		
		Medium		
4.4	<a href="#">Build a motor</a>	Explore & Elaborate	Students will follow instructions to build a model motor.	
		Hands-on & Digital		
		Medium		
4.5	<a href="#">Build a generator</a>	Explore & Elaborate	Students build a simple generator using basic equipment.	
		Hands-on		
		Short		
4.6	<a href="#">The lemon battery</a>	Explore & Explain	Students explore the best way to make an LED glow using a lemon battery.	Optional
		Hands-on		
		Medium		