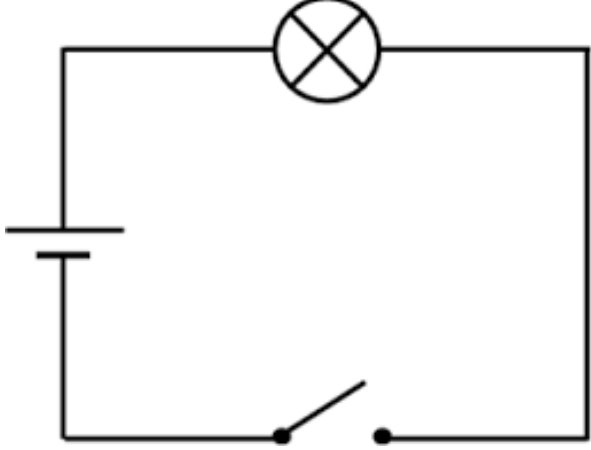
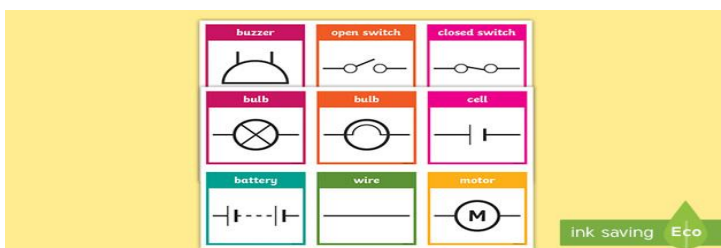


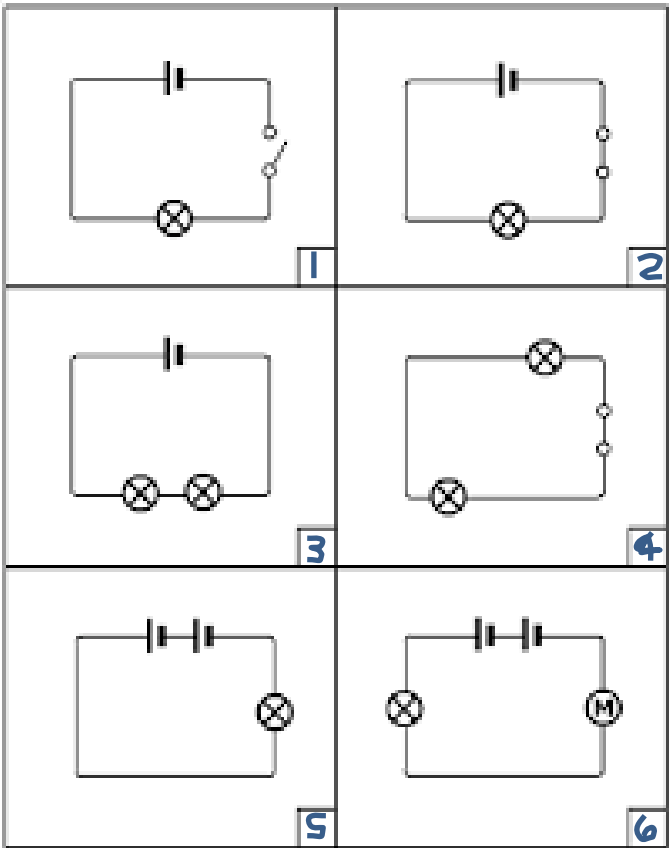
ALARMS Lesson 2 Activities

We do not expect you to have electrical kits handy at home so we will have to complete the circuit work in school when we return. Today and you will be drawing circuits. Things to remember: circuits are drawn in rectangular or square shapes with straight lines representing the wires (see the slides). Each component (part) added to the circuit appears on a separate side of the rectangle.

<p>In the box, above draw a circuit with a battery, a buzzer and a switch.</p>	<p>In the box above, draw a circuit with a battery, a light bulb and a switch.</p>
	
<p>In the box above, draw a circuit with a battery, a light bulb, a buzzer and a switch.</p>	<p>What does this circuit show you?</p>



Here are some circuit symbols to help you. You can use either bulb symbol. A 'cell' is what we call one battery on its own. This isn't correct really. We should use the word battery when two or more cells are used together, like in a torch.



Extra Challenge:

For those of you are keen on this:
 What do these circuits show you?
 Will they all work? Why? Why not?
 Will they turn the components on
 and off. Why? Why not?

Explain your answers in the space
 below.