

## Year 9 Homework Half Term 2 : E-Textiles Toy

Task	+	++	+++
<b>1</b>	<p>Electronic Symbols Complete the electronics worksheet working your way through section 1, the name the Circuit Symbols section.</p>	<p>Electronic Symbols Complete the electronics worksheet working your way through section 1, the name the Circuit Symbols section. Also have a go at completing section 2, the circuit drawing section.</p>	<p>Electronic Symbols Complete the electronics worksheet working your way through section 1, the name the Circuit Symbols section. Also have a go at completing section 2, the circuit drawing section. Also have a go at section 3 the researching symbols section.</p>
<b>2</b>	<p>Flowchart Create a flowchart to show the key areas of creating your E-Textiles circuit. Remember you should include at least 1 quality control check in your flowchart. Fill in the worksheet to help you create your flowchart.</p>	<p>Flowchart Create a flowchart to show the key areas of creating your E-Textiles circuit. Remember you should include at least 2 quality control checks in your flowchart. Use the worksheet as a guide to help you create your own flowchart but try drawing it out yourself including the correct symbols.</p>	<p>Flowchart Create a flowchart to show the key areas of creating your E-Textiles circuit. Remember you should include at least 3 quality control checks in your flowchart. Use the worksheet as a guide to help you create your own flowchart but try drawing it out yourself including the correct symbols.</p>

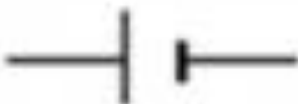




Circuit Homework

Name: .....

Section 1 – Name the Circuit Symbols

Symbol

Name the symbol?

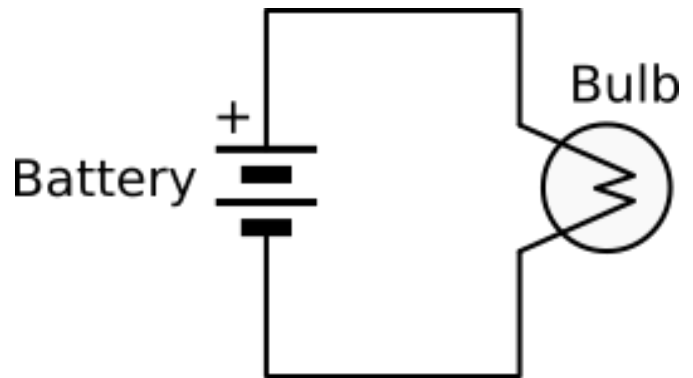
SYMBOL	Can you name the symbol?
	<p>-----</p>
	<p>-----</p>
	<p>-----</p>
	<p>----- (-----)</p>
	<p>----- (-----)</p>

## Section 2 – Drawing Your Circuit

Create a technical drawing of the circuit you will be creating in lesson, use the drawing here to help you and try to be accurate.

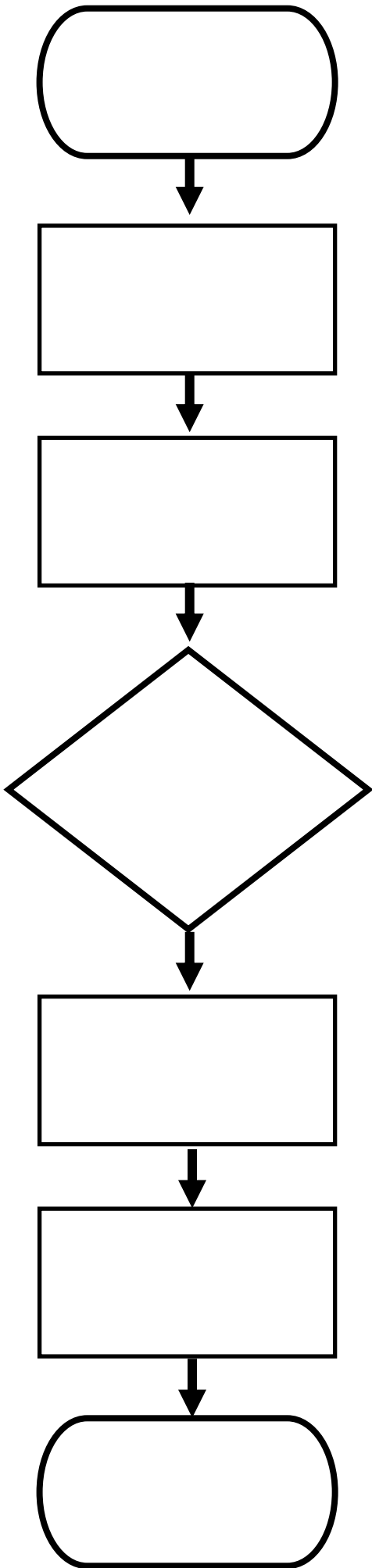
Include:

- An LED
- A switch
- A battery



## Section 3 - Electronic Symbols Research

Carry out research to find out the names and symbols for 6-8 other electronic components that could be used in a circuit. When presenting them make sure they are clearly drawn and labelled.



Flowchart for .....

Name: .....

Example (Making the Tea)

