

Name: _____

Year 5/6 Design and Technologies Assessment

Using your knowledge and learning of basic electrical circuits from the past few lessons, you will design and draw a basic labelled circuit diagram, for which you must write an explanation of the direction of the electrical current and what type of circuit it is. You will then build your circuit, using a range of basic components, such as wire, batteries, bulbs and switches.

1. Draw a basic electrical circuit diagram using the symbols learned and used during this unit of work, and correctly label all parts using the appropriate technical terms. You must include wire, up to 2 batteries, 1-2 light bulbs and 1 switch. Show the direction of the electrical current, using arrows. Show positive and negative on your battery/batteries. Label your circuit with the type of circuit you have drawn. /20



Personal Evaluation

Please answer the following questions to explain how you feel about your electrical circuit assessment.

1. Were you happy with the electrical circuit you designed? (circle)

YES / NO

2. Did your electrical circuit work successfully? (circle)

YES / NO

3. If no, explain why it did not work successfully.

4. What changes could you make to your design to make it work more effectively?
