

Science - Unit 4F Circuits and conductors

This is an assessment of our recent science topic. Please do not share your answers. We need to know what YOU know, not what you and your friends know. Give full answers wherever you can.

1. What is a circuit?
2. Where does the power for a circuit come from? [There are 2 answers]
3. What travels around the circuit?
4. Why do we use batteries to power our circuits in school?
5. What is a conductor? [Give an example]
6. What is an insulator? [Give an example]
7. Where would you find a material which is a resistor?
8. Explain what would affect the brightness of a light bulb.
9. Draw a circuit that will work here.
10. Draw a circuit that will not work here.