

Electricity QUIZ Game

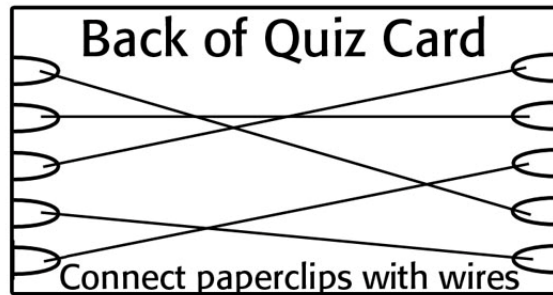
Touch the question and answer with the nails from the circuit. If you choose the right answer, the light bulb will shine!

1. <i>A way to store energy</i>	A. Electrochemical reaction
2. <i>Measure of electric current</i>	B. Amp
3. <i>Negative subatomic particle</i>	C. Battery
4. <i>What makes a battery work</i>	D. Volt
5. <i>Measure of electric force</i>	E. Electron



What to do:

1. Print out the game board on a piece of card stock.
2. Beside each question, clip a paper clip onto the card. Do the same beside each answer.
3. Turn the card over. Cut five lengths of copper wire that are long enough to reach across the card.
4. Strip the insulation off each end of wire, taking off about one inch of coating.
5. Wire the board as shown below, creating five pairs of paper clips connected together with wire. Try sticking the bare wire end under the paper clip, or twisting it around so it stays in place.
6. Using several pieces of tape, secure the wire pieces to the back of the card.



7. Cut three more lengths of wire about 6 inches long, and strip the ends.
8. Connect wire #1 to a nail by wrapping the end securely around the nail several times, then connect the other end to the positive terminal of the battery.
9. Connect wire #2 from the negative terminal of the battery to one side of the bulb socket (with bulb screwed in).
10. Connect wire #3 to the other side of the bulb socket. Attach the free end to another nail.
11. Your quiz game is ready to play! Touch one nail to the paper clip next to a question and the other to the paper clip by an answer. If it's the correct answer, the light bulb will light up!