

Make your own electric circuit quiz board

What you need:

A piece of thin card (A4 or larger), 16 two-legged paper fasteners, lots of pieces of insulated electrical wire bared at the ends (varying lengths), battery (1.5 volt), bulb (1.5 – 2.5 volt), paper (optional), sticky tape or bulldog clips (optional).

You can use this sheet to make a quiz board to test your friends' knowledge of any topic.

Write on the top of your piece of card what your quiz will be about, eg 'Countries and their capital cities'.

Down the left hand side of the card write your 8 questions. Down the right hand side, write the answers, but in a different order from the questions.

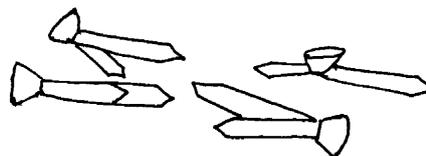
Draw a row of dots beside each question and answer. Push a two-legged paper fastener into the card, through each dot. Then turn the card over and use wires with bared ends to connect each question with the correct answer.

Turn the card over. Test that you have wired up the quiz correctly by using a simple circuit with a bulb and battery. The bulb should light up each time you touch the fasteners beside a matching question and answer with the wires from your circuit. Give your quiz and circuit to a friend and test their knowledge!

To make up a new quiz, fasten clean sheets of paper over your questions and answers and write new ones on top. Make sure to check that all the connections at the back are correct for your new quiz.

Countries and their capital cities	
Questions	Answers
France .	Madrid
Wales .	London
Ireland .	Paris
Spain .	Dublin
Scotland .	Rome
England .	Stockholm
Italy .	Cardiff
Sweden .	Edinburgh

front



back

EXTRA!

Devise other questions and answers relating to school work you have recently carried out, football teams and the names of the grounds at which they play, foods and the countries they originate from or scientists and their inventions, etc.