

ELECTRICITY EXPLORER SOFTWARE

MEG 50226

DESCRIPTION

Exploring Circuits

At the opening screen you can click on the words EXPLORE CIRCUITS. Choose between a simple series, parallel or combination circuit (or return to the Tutorial) by clicking on the words at the bottom of the screen.

Easy Wiring Methods

You can use the mouse to drag the leads to the jacks. When they are over the jack, let go of the mouse button. They will jump into place. If you let go of the mouse button when they are not over a jack, they will return to their starting position.

Predictions/Problems

If you think you understand circuits and how the voltage, amperage and resistance are all related, there are 24 different problems, each showing a simple circuit being probed with a meter. Each multiple-choice problem asks you to predict what reading should appear on the multimeter.

Troubleshooting

Here's an opportunity to either build or test your troubleshooting skills. You are faced with a series of simple circuits where one or more of the lamps don't light. Clues are given in the form of meter readings testing different parts of the circuit. The clues should be sufficient for you to decide which is the correct explanation.

Glossary

The Glossary is a collection of important terms used in How Things Work. It is in both English and Spanish. To access the glossary, click on the Glossary button. Then, click on the letter that the word begins with. The definition will appear on the screen.

- Single user
- 10 plus licenses available
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