

Feb,4,2024

Topic: Electricity

Idea: Electric Bugs

Materials:

- Plastic Coated Wires As Long As A D Battery
- Tape
- Paper
- D Battery
- Sticky Tack
- Small Light Bulb
- Tin Foil
- Googly Eyes
- Pipe Cleaners

What Will We Test???

- A Fork
- A Key
- A Pencil
- A Book
- A Piece Of Paper
- A Coin

Notes On Electricity

How Does A Battery Work??

This Information Was Found In "The Invention Hunters" By: Korwin Briggs

- A battery has a part that lets electrons out, the negative terminal
- And a part that lets electrons in, the positive terminal
- When you connect these two parts of the battery with a wire or other conductor, the electrons flow through the wires, powering lights and other devices they travel through

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Other Facts About Electricity

- Hydroelectric power plants use falling water to generate electricity
- Solar panels use the energy of the sun to generate electricity
- Wind turbines use the energy of the wind to generate electricity

- Hydroelectricity power plants, solar panels, and wind turbines are all renewable sources of electricity, and don't produce greenhouse gasses
- Batteries are used to power small things, like toys, remote controls, and flashlights
- Batteries use chemical energy to generate electricity