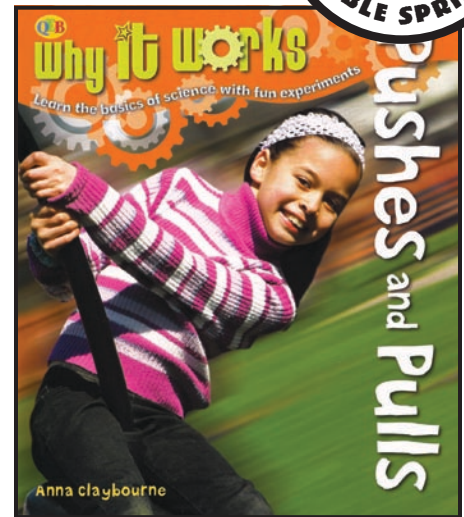
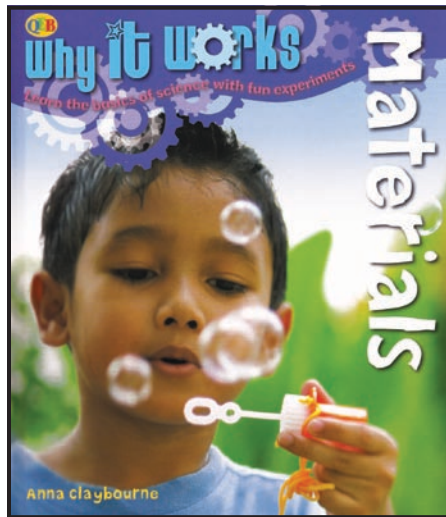




QEB WHY IT WORKS



Electric light

bulb holder

bulb

contact

1 Screw the bulb into the inside of the bulb holder.

2 Take the two free ends of the wires in your circuit. Touch them to the two contacts of the bulb holder.

3 Electricity is now flowing around the circuit and through the bulb and makes it glow.

Now you have made a circuit, you can use it to light a light bulb. You will need a small bulb and a bulb holder. You can get them at a hardware or model shop.

The bulb holder has two **contacts**.

Each wire is attached to a terminal.

A bulb has a tiny wire in it, called a filament which slows the electricity down. This makes the filament get hot and glow with light.

Low-energy lightbulbs use less electricity than ordinary lightbulbs, and they last much longer.

LIGHT LOOPS

Electric lights in your house work in the same way. Electricity flows around a circuit, and through the bulb.

QEB Why it Works Electricity

QEB Why it Works

Stimulate kids' sense of wonder about their world with this simple science series. Kids will learn there is more than just a switch that makes the hair dryer and toaster work and that there's a good reason why their toys are made of plastic! Hands-on activities and experiments allow students to see the scientific concepts in action.

QEB Publishing

Specifications

- Reading Level: Grade 2
- Interest Level: Grades 1–3
- Page Count: 24
- Trim Size: 8-1/4" x 9-1/2"
- Table of contents, glossary, index
- Color photographs
- Experiments
- Parent and teacher notes

Titles

Electricity Anna Claybourne	978-1-59566-559-1
Light and Dark Anna Claybourne	978-1-59566-556-0
Materials Anna Claybourne	978-1-59566-557-7
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