

### Try This!

Build a circuit to power an LED light bulb.

Look at the materials you will be testing. Which do you predict will conduct electricity and cause the light to turn on? Which will be insulators—not letting electricity flow through the circuit?

Use your circuit to test each material. Were your predictions correct? Did any of the conductors or insulators surprise you?



### Looking at the Past

Lewis Latimer lived from 1848 to 1928. Can you guess which materials you tested were invented in his lifetime?



Lewis Latimer



1

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