

Conductors and Insulators

Test and sort the materials

Some materials let electricity through and some do not. Use your circuit and the globe as a tester to sort materials — keeping the test fair.

Q1. Test each material in your circuit. If the globe lights, it is a conductor. If it stays off, it is an insulator.

Material	Did the globe light?	Conductor or insulator?
Metal spoon		
Plastic ruler		
Wooden peg		
Aluminium foil		
Rubber band		
Paper clip		

Q2. What do the conductors have in common?

Q3. To keep your test fair, what did you keep the same each time?

Q4. Draw a **series circuit** and a **parallel circuit**, and label the difference.

