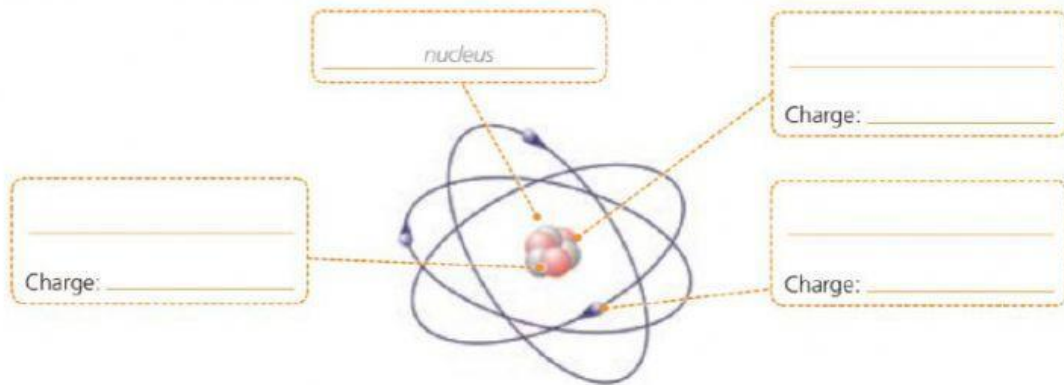


WHAT IS ELECTRICITY?

1. Complete the labels using the words from the box. There is one extra word.

AN ATOM:

proton • neutral • positive • neutron • negative • electron • nucleus • particles





2. Complete the descriptions.

attract	repel
<p>Both balloons have the same charge. Objects with the same charge _____ each other.</p>	<p>The balloon and the girl's hair have different charges: they _____ each other.</p>

3. Label the photos with the type of electricity they show.

electrical current	static electricity
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<div style="display: flex; align-items: center; justify-content: center;"> a  </div>	<div style="display: flex; align-items: center; justify-content: center;"> b  </div>

4. Classify the following materials into conductors and insulators.

copper

silver

water

wood

plastic

glass

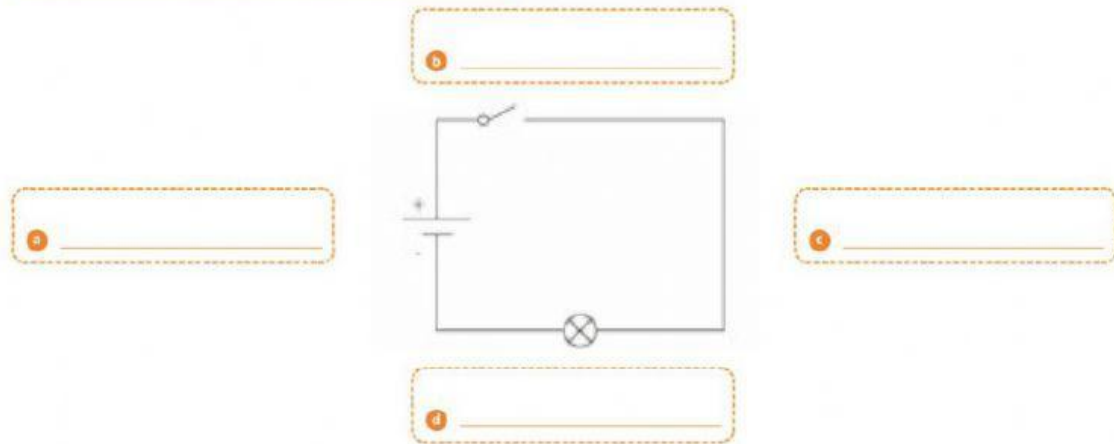
rubber

platinum

conductor	insulator
<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>
<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>
<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>
<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>	<div style="background-color: #fff9c4; width: 40px; height: 20px; margin: 0 auto;"></div>

5. Label the electrical circuit using the words from the box.

power source • switch • load • conductor



6. Match the parts of the circuit from activity 5 to the definitions. Write a, b, c, d.

It is the part of the circuit which provides energy.

It is a device that opens or closes the circuit.

They conduct electricity and connect all the parts.

It transforms electricity into movement, heat or light.