



Our Vision: Innovative education for a knowledge-based, pioneering and global society.

Department of Science 2018 - 2019
Second Term: Worksheet - 4
L-5.1 & 5.2 Circuits

Grade 2.....

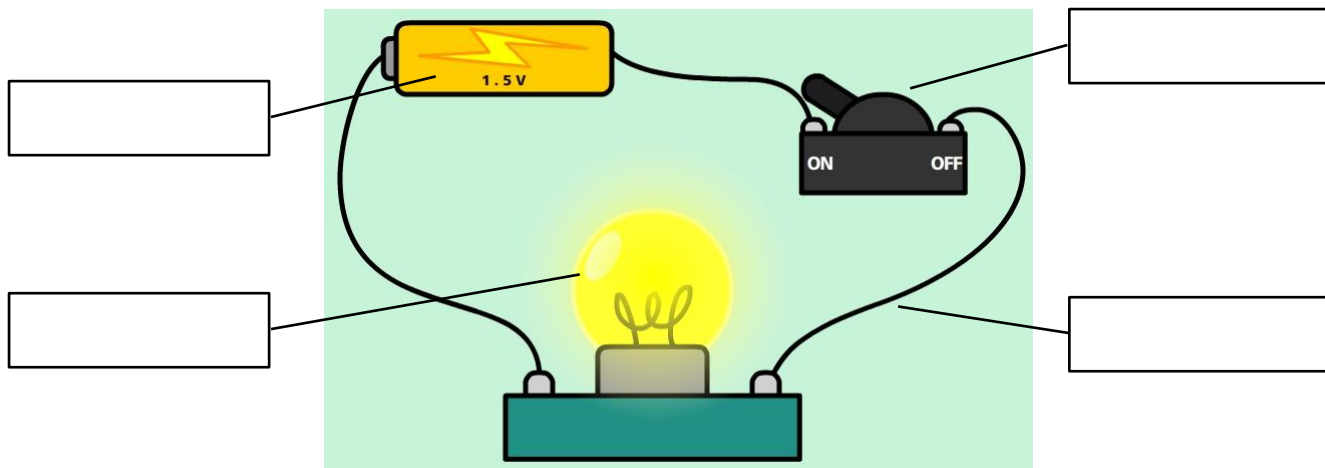
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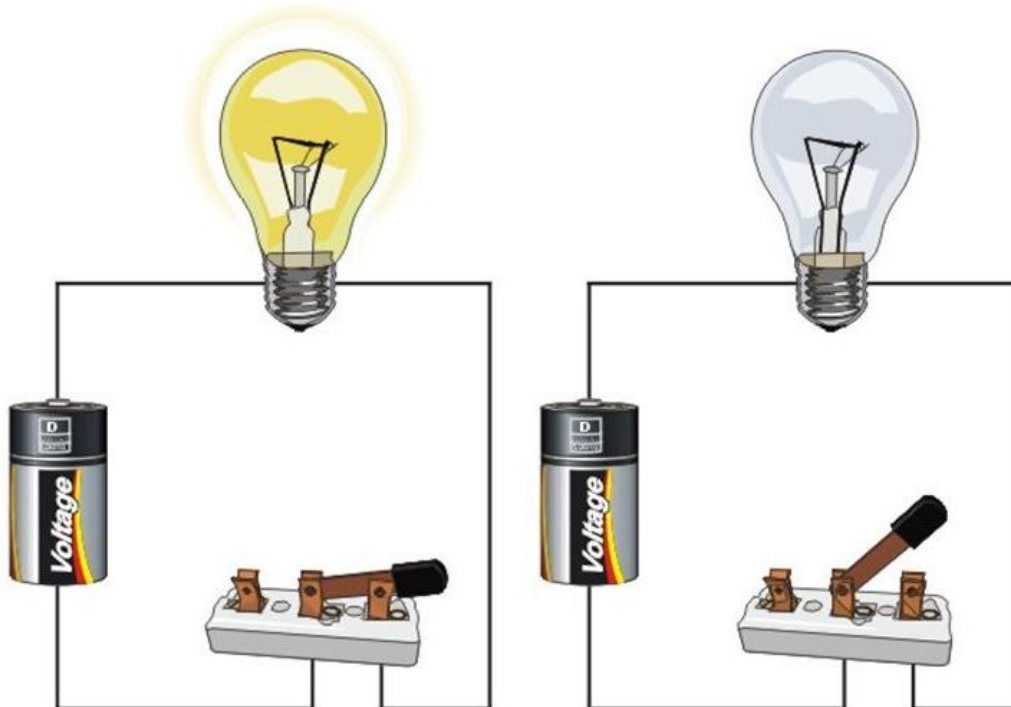
Q.1. Look at each circuit below. If you think the bulb will light, colour the bulb yellow and put a tick ✓ in the box. If you think the bulb will not light put a cross ✕ in the box.

 <input type="checkbox"/>	 <input type="checkbox"/>
 <input type="checkbox"/>	 <input type="checkbox"/>
 <input type="checkbox"/>	 <input type="checkbox"/>

Q.2. Label the components of the simple circuit below.



Q.3. Distinguish between the closed and open circuits below.



Closed Circuit

Open Circuit

Closed circuit	Open circuit

Q.4. Label the pictures below. Use the words in the box.

battery holder - lamp / bulb - battery - bulb holder - wire - wire with clamps













Q.5. Number the steps and the pictures correctly from 1 to 4 to build a simple circuit using one cell and one bulb.



Step ____: Open the clamps and connect one of the wires to one end of the battery holder and one side of the bulb holder.

Step ____: Put the battery into the battery holder.

Step ____: Open the clamps and connect the other wire to the other end of the battery holder and the other side of the bulb holder.

Step ____: Put the light bulb into the bulb holder. Screw it in carefully but do not make it too tight.