Parent/Guardians Information Sheet

Dear Parents/Guardians,

Thank you for supporting our workshop! We are so glad your child actively participated and enjoyed the activities. This information sheet provides a summary of the workshop and instructions for further exploration. If you would like, you can continue STEM learning at home with your child.

In **Workshop 3**, we made a star projector by implementing the knowledge of **astronomy and electricity**. We learned how electricity flows and how circuits function.

We encourage you to support your child if they would like to explore more and make other products at home. Thank you for being part of this exciting journey! If you have any questions/suggestions/feedback, please feel free to email/WhatsApp us.

Kind regards,
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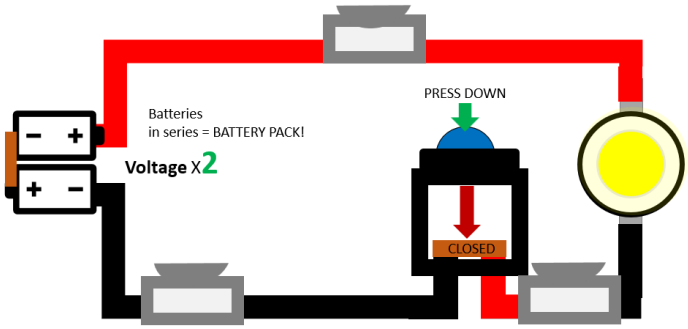

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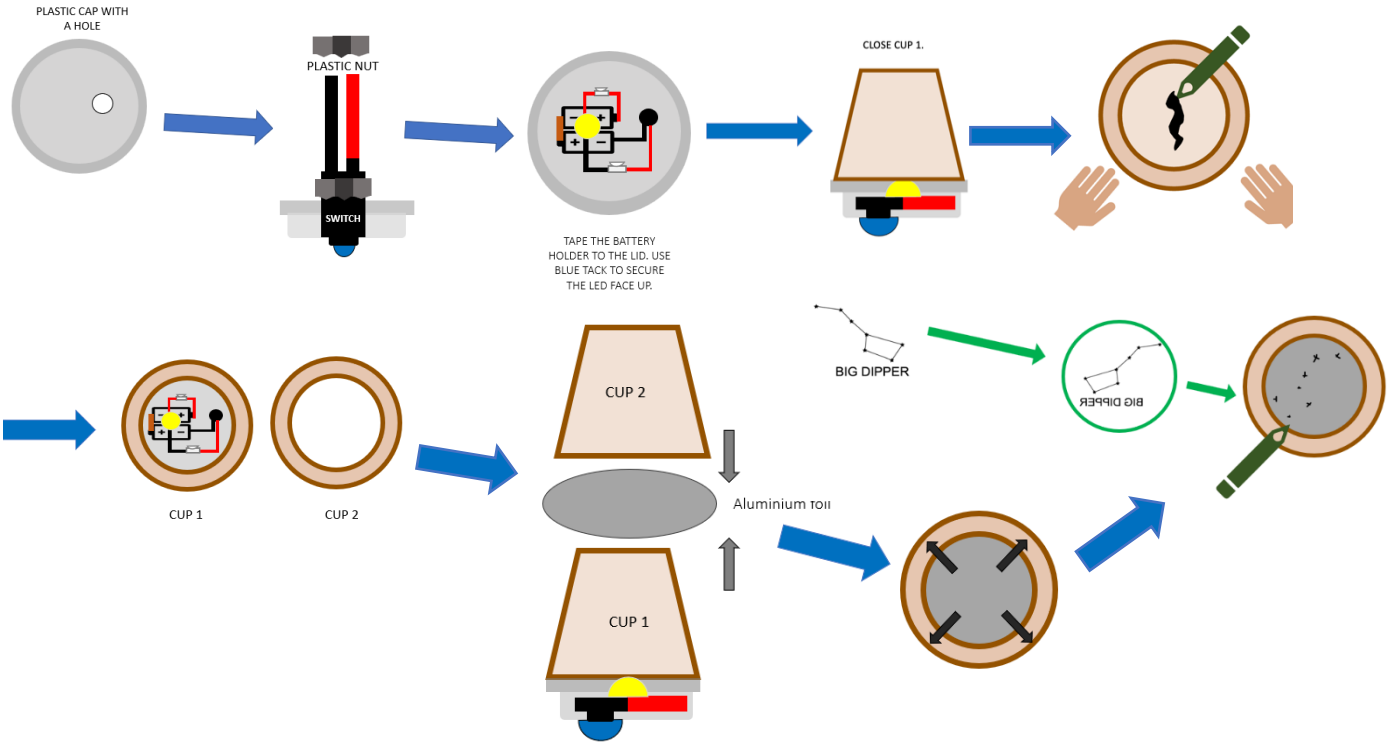
Star Projector

1. How it works

The star projector operated by creating a closed circuit that allowed electrons to flow from the battery through the wires, LED, and back to the battery. A switch was incorporated to control the flow of electrons, enabling the light to turn on or off. Spring connectors were used to secure the wires and ensure a stable connection, making the circuit complete. Holes on the projector's surface created a mesmerizing starry effect as the light passed through.

2. STEP S



3. DIY at home

Based on the knowledge of circuit and electricity, you can DIY lots of fun crafts! Here are some ideas:

- Light-up birthday cards
- Lightbulb lantern
- Night lamp out of cardboard/paper
- … …