



Weather Science Engineering Lab: Create a lighthouse with a paper circuit!

Lighthouses are very important to help ships navigate. Especially at night, or on a foggy day it tells a captain that he is approaching land!



Main Goal

The main goal of the activity is to make a lighthouse actually light up by creating a paper electric circuit.

Materials

1. Sticky copper tape
2. LED (various colours)
3. A CR2032 battery
4. Lighthouse drawing

Procedure

- Cut out the lighthouse box.
- Fold the lighthouse card along the red line in order to be able to create a circuit.
- Use the copper tape to make a paper circuit and connect both ends of the LED to the battery poles.
- Does your lighthouse light up??
(The LED should not actually touch the battery and the battery should not be visible!)

