



# Invention Station: Facial Expression Meters to Connect thoughts to feelings

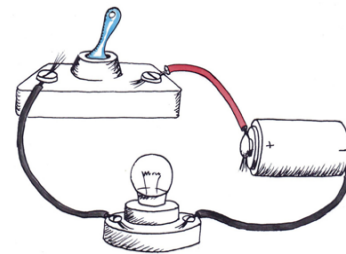
Often when we are thinking we are also feeling and sometimes our feelings show up on faces. Let's invent a gadget that will show how we might connect thoughts and feelings by lighting up facial expression circuits.

## Materials:

- Led Mini Light & Copper Tape ( Amazon sells a kit for 7.99)



- CR2032 3 Volt Lithium Coin Cell Battery
- Paper/ Cardboard
- Markers



## Instructions:

1. Draw a picture of your head (do not add a face).
2. Place a thought bubble above the head.
3. Draw inside the thought bubble something that makes you feel happy or calm or excited. t
4. On the back of the paper draw a line from the thought bubble to the head.
5. Place the copper tape over the line.
6. Poke a small hole inside the mouth.
7. Add an led mini light through the hole with the pointy pieces facing the back of the paper ( where the copper tape is).
8. Tape a small battery behind the mouth touching the long pieces of the light.
9. Make the light/ mouth light up!

**\*\*Have a deeper discussion around the idea that we “light up” when we think about things that make us feel happy and that our thoughts and feelings can show on the outside. Discuss how we can use clues about what others faces are doing (along with other nonverbal clues) to figure out how people might be thinking or feeling.**