

Saturday STEAM: How to Make a Circuit Turkey!

Supplies:

- 1 CR 2032 coin cell battery
- 5 x 10mm diffused LEDs
- 2-4, 1/2" circle stickers
- 1, 1 1/2" brown pom pom
- 1 orange pipe cleaner
- 2 googly eyes
- Orange and red felt
- Glue gun or other glue



Instructions



Make the Turkey

- First cut out a triangle shaped beak out of orange felt and a waddle out of red felt.
- Then glue your googly eyes, beak and waddle to your pom pom.
- Next, make your turkey feet out of an orange pipe cleaner. Simply bend back and forth to form the toes and glue to the bottom of the pom pom.

Instructions

Make the Tail

*****Safety Note: Please keep coin cell batteries away from children who still put things in their mouth. They are extremely hazardous if swallowed.*****

- **Grab your battery and find the positive side. Place your LEDs with the long contact on the plus side of the battery and fan them out like a turkey tail.**
- **Secure them with the circle stickers. If you're having trouble keeping the lights shining bright, you can try using duct tape or using fewer LEDs**



Instructions

Connect the Tail

- **Glue the back of the decorated pom pom to one side of the circuit turkey tail. The hardest part of this project is making this turkey stand, so I added an L shaped pipe cleaner stand to the back behind the battery.**



Resources

Left Brain Craft Brain. (03 November, 2019). Thanksgiving STEM: Circuit turkeys. <https://leftbraincraftbrain.com/light-up-thanksgiving-turkey-circuits-craft-for-kids/?cn-reloaded=1>