

Circuits

Day 1

Materials:

UFO balls (*The small ping-pong balls with metal on them.*)

Foil strips

Batteries

Paper clips

Paper

Directions:

Work together as a group to perform all challenges below. Answer each question fully and in complete sentences.

1. Make the “UFO ball” (the small ping-pong ball with the metal strips) light up and make a noise. Why did the ball light up? How did you make it do so?

2. Using the foil and a battery, make the light bulb light up. Draw 2 configurations that worked and 2 that didn’t work.

Worked	Didn't work

3. Brainstorm with your team on how to make 2 UFO balls light up.

4. Can you make a circuit using only your team members and the UFO balls? How?

UNIVERSITY of **HOUSTON**

*teach*HOUSTON

July 2021