



STEM Kit:

Snap Circuits

Program Level: Brownie, Junior, Cadette, Senior and Ambassador

Using these cool materials that snap together, create various circuitry projects (300 project ideas included!) like a radio announcer or a motion detector!

Supplies Provided:

- 3 sets of Snap Circuit kits
- 3 power adaptors

What to Bring:

- NONE
- If you are going to use these away from power sources, please bring 4 AA batteries per kit (12 total)

Instructions:

1. This is best done in groups of three to four groups per set. If you have a larger troop, consider making this a rotation station, or a self-led activity for half of your group while the other half does another activity.
2. Using the project books in the kit, start with an easy activity first so everyone gets familiar with the equipment, then let the girls pick their own projects from the book, then rotate after they are finished to see all of the different options within these kits.
3. When finished, check the area for missing parts – the trays inside the kit boxes help you identify which kit is missing which piece.

Why?

Learning about energy and how it's created will help girls become good stewards of their environment, and know how to correctly conserve energy in the real world.

A couple things to ask while facilitating this activity are:

- What didn't go right the first time you tried it? Could you find a solution?
- How did working on your own or with a couple friends help you? What made that tough?
- If you were to plan to do this activity again, would you want to do differently?

MISSING PARTS:

There is a "Missing Parts" notepad in the kit – please use a sheet of that paper to label which kit is missing enough pieces to make completing this activity impossible. Please also follow the directions on the notepad to alert GSKSMO staff that the kit needs to be restocked before checking out to another group. Thank you for your help in keeping these kits in good working order for Girl Scouts.

This STEM Kit was provided by a generous gift from

