



STEM Activity Idea:

Goldie Blox

Program Level: Daisy, Brownie and Junior

Have you earned your Design Challenge badge(s) and want to do more with Goldie Blox? This Craft-struction kit may be for you.

Supplies Provided:

- Goldie Blox Craft-struction Kit
- Other Goldie Blox parts and Kits

What to Bring:

- NONE

Instructions:

1. This kit can be used to extend your experience after you've earned your badges OR you can use it to practice your building skills! There are activities with each kit, but feel free to use your imagination to create something even bigger and better!
2. Divide girls into groups of 3-4 so each person can have a chance to use the materials, depending on the troop size, you may be able to work in pairs.
3. Use the trays in the STEM building to help contain parts – a lot of these roll off tables and around the floor very easily!
4. When finished, check the area for missing parts.

Why?

Engineering is all about problem solving. 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?
- How could this activity relate to an engineer's work?

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