



# Explore Engineering

**A Science Program for Girls, Troops, and Service Units**

**Grade Level: All levels (best for Brownies & Juniors)**

Each Explore Engineering Kit has almost everything you need to put on an engineering event for up to 20-25 of your closest Girl Scout friends (up to 4 kits can be checked out for larger events). The curriculum (included with the kit) is designed to teach fundamental engineering concepts - needs assessment, design, and construction - in a really hands-on, fun way (can you say...LEGOs?!) After an engineering "warm-up" activity, girls work in groups to design and build a structure according to the needs of another group. Classrooms, zoos, space stations...all of these and more are fair game.

**Kit Details:**

**Included in each kit:**

- easy-to-use curriculum,
- 5 LEGO building kits (girls work in teams of 4-5)
- crayons/pens for drawing plans.

**You'll need to provide:**

- some newspaper
- masking tape
- paper to draw on
- patches (patches are available from the GSWW store)

**Time: We suggest you allow approximately 2 hours for your event.**

**To Get a kit or request a copy of the curriculum:**

**Contact us by email at [customercare@girlscoutsww.org](mailto:customercare@girlscoutsww.org)**

**We'll work with you to coordinate pick-up and drop-off of the kit(s) at any of our regional offices, and answer any questions you might have about using it.**

**Once we've figured out the details, you'll get the kit a week or so before your event. This will allow you time to review curriculum, play and get comfortable with the materials.**