



Challenge Island - Omaha Northwest

Join us for a fun-filled STEM adventure! Challenge Island Omaha Northwest provides girls with engaging problem-based learning opportunities centered around whimsical kid-friendly themes and has a variety of ways for your troop earn Girl Scout badges.

- Teaches girls to dream big and continue working toward their goals despite the inevitable bumps in the road along the way.
- Empowers girls to reach their fullest creative potential while instilling a lifelong love of learning.
- Prepares the fun, lively girl of today for the ever-changing, global marketplace of the future.
- Helps each girl appreciate and embrace her own unique set of strengths as well as those of others.
- Inspires each girl with whimsical, fun STEM challenges to pursue careers in STEM fields.
- Encourages and celebrates innovative, creative thinking.

DAISY TRIPLE AUTOMOTIVE BADGE WORKSHOP

Design a car for a special person or situation; become an engineer and build a car; collaborate with your troop to manufacture a new car.

Who: Daisies

When: On your schedule (2 hours)

Cost: \$20 per Girl Scout

Recognitions: Daisy Automotive Design badge; Daisy Automotive Engineering badge; Daisy Automotive Manufacturing badge

DAISY TOY BUSINESS DESIGNER BADGE WORKSHOP

Start a slime business; identify your target market; create a new slime recipe and market it!

Who: Daisies

When: On your schedule (1.5 hours)

Cost: \$17.50 per Girl Scout

Recognitions: Daisy Toy Business Designer badge

DAISY TRIPLE MECHANICAL ENGINEER BADGE WORKSHOP

Design and build a working roller coaster; build a model car; create an arcade/board game.

Who: Daisies

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Daisy Roller Coaster Design Challenge badge; Daisy Model Car Design Challenge badge; Daisy Board Game Design Challenge badge

DAISY THINK LIKE AN ENGINEER JOURNEY WORKSHOP

Design and build a fairy house; make a puff mobile; design and build a bridge.

Who: Daisies

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Daisy Think Like an Engineer badge

DAISY KINDNESS AND CARING FOR ALL WORKSHOP

Make a pet palace; create a pet care pinball game; choose kindness; build a rocket and explore the galaxy.

Who: Daisies

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Considerate & Caring petal, the Birdbath Award, and the Red Robin Award from the “5 Flowers, 4 Stories, 3 Cheers for Animals” Journey

BROWNIE TRIPLE AUTOMOTIVE BADGE WORKSHOP

Learn about safety features and design a car with safety in-mind; become an engineer and build a car; collaborate with your troop to manufacture your new car.

Who: Brownies

When: On your schedule (2 hours)

Cost: \$25 per Girl Scout

Recognitions: Brownie Automotive Design badge; Brownie Automotive Engineering badge; Brownie Automotive Manufacturing badge

BROWNIE INVENTOR BADGE WORKSHOP

Learn about campground safety; identify potential hazards; design and build new solutions to stay safe in the great outdoors.

Who: Brownies

When: On your schedule (1 hour)

Cost: \$15 per Girl Scout

Recognitions: Brownie Inventor badge

BROWNIE BUDDING ENTREPRENEUR BADGE WORKSHOP

Learn about famous entrepreneurs; brainstorm ideas for your new business; design your new themed restaurant; pitch your idea and get funding for your business

Who: Brownies

When: On your schedule (2 hours)

Cost: \$20 per Girl Scout

Recognitions: Brownie Budding Entrepreneur badge

BROWNIE HOME SCIENTIST BADGE WORKSHOP

Take a balloon ride; explore the photic zone; do some static magic; make a chilly treat!

Who: Brownies

When: On your schedule (2.5 hours)

Cost: \$22.50 per Girl Scout

Recognitions: Brownie Home Scientist badge

BROWNIE TRIPLE MECHANICAL ENGINEERING BADGE WORKSHOP

Design and build a fling flyer; build a championship race car; create a leap bot.

Who: Brownies

When: On your schedule (2 hours)

Cost: \$20 per Girl Scout

Recognitions: Brownie Fling Flyer Design Challenge badge; Brownie Race Car Design Challenge badge; Brownie Leap Bot Design Challenge badge

BROWNIE MAKING GAMES BADGE WORKSHOP

Invent a new arcade game; design a putt putt golf course and have fun!

Who: Brownies

When: On your schedule (2 hours)

Cost: \$20 per Girl Scout

Recognitions: Brownie Making Games badge

BROWNIE THINK LIKE AN ENGINEER JOURNEY WORKSHOP

Design a water pipeline and collection center; design and build flying pop rockets; design and build an assistive device.

Who: Brownies

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Brownie Think Like an Engineer badge

JUNIOR TRIPLE AUTOMOTIVE BADGE WORKSHOP

Explore the past, present, and future of car design and alternative fuels; become an engineer and build a prototype car; collaborate with your troop to manufacture your new car

Who: Juniors

When: On your schedule (2 hours)

Cost: \$25 per Girl Scout

Recognitions: Junior Automotive Design badge; Junior Automotive Engineering badge; Junior Automotive Manufacturing badge

JUNIOR BUSINESS JUMPSTART BADGE WORKSHOP

Learn about the inventor of the Loop-The-Loop; brainstorm ideas for a new themed roller coaster ride; build a prototype of your ride; pitch your idea and get funding for your business

Who: Juniors (4-5)

When: On your schedule (1.5 hours)

Cost: \$17.50 per Girl Scout

Recognitions: Junior Business Jumpstart badge

JUNIOR SPACE SCIENCE BADGE WORKSHOP

Create a solar system stabile; learn about the stars and make constellations; make flying comets and launch them at the moon!

Who: Juniors (4-5)

When: On your schedule (2 hours)

Cost: \$20 per Girl Scout

Recognitions: Junior Space Science Investigator badge

JUNIOR PLAYING THE PAST BADGE WORKSHOP

Make groovy doll-sized 1970s fashions; build a working pinball machine; make a lava lamp.

Who: Juniors

When: On your schedule (2.5 hours)

Cost: \$22.50 per Girl Scout

Recognitions: Junior Playing the Past badge

JUNIOR ANIMAL HABITATS BADGE WORKSHOP

Learn about African animal habitats; build a working safari ride; learn about penguins and build penguin toboggans.

Who: Juniors

When: On your schedule (2 hours)

Cost: \$25 per Girl Scout

Recognitions: Junior Animal Habitats badge

JUNIOR TRIPLE MECHANICAL ENGINEERING BADGE WORKSHOP

Design and build a cookie crane; build a balloon-powered race car; design and build a paddle boat.

Who: Juniors

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Junior Crane Design Challenge badge; Junior Balloon Car Design Challenge badge; Junior Paddle Boat Design Challenge badge

JUNIOR THINK LIKE AN ENGINEER JOURNEY WORKSHOP

Design and build the Eiffel Tower; create an emergency pet shelter; construct an earthquake-safe hotel.

Who: Juniors

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Junior Think Like an Engineer badge

JUNIOR GET MOVING! JOURNEY WORKSHOP

Explore how humans and animals use energy; use energy wisely and educate others; use wind energy to problem solve!

Who: Juniors

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Junior Get Moving! Journey

JUNIOR PRODUCT DESIGNER WORKSHOP

Find out how product designers solve problems and make their products appealing; make observations about what makes a great product; design a prototype for a completely new product; put it to the test and make design improvements!

Who: Juniors

When: On your schedule (1.5 hours)

Cost: \$17.50 per Girl Scout

Recognitions: Junior Product Designer badge

CADETTE THINK LIKE AN ENGINEER JOURNEY WORKSHOP

Design a prosthetic limb for an elephant; design a life jacket for a pet; design camp cabin décor.

Who: Cadettes

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Cadette Think Like an Engineer badge

CADETTE ENTREPRENEUR BADGE WORKSHOP

Design a business plan and pitch your business to investors; design a logo; build a working safari ride!

Who: Cadettes

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Cadette Entrepreneur badge or Cadette Business Creator badge

CADETTE COMIC ARTIST BADGE WORKSHOP

Explore the world of comics; engineer a dramatic rescue; recount the story using pictures and words!

Who: Cadettes

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Cadette Comic Artist badge

SENIOR THINK LIKE AN ENGINEER JOURNEY WORKSHOP

Use the design process and your imagination to engineer solutions—design and build a can holder that isn't harmful to animals; design and build a unique kinetic sculpture; design and build a prototype of an assistive device for the elderly.

Who: Seniors

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Senior Think Like an Engineer badge

AMBASSADOR THINK LIKE AN ENGINEER JOURNEY WORKSHOP

Bring your creativity and engineer some innovative solutions—design and build a fun monkey playground; design and build an exciting zip line course; design, build, and trial mobility equipment.

Who: Ambassadors

When: On your schedule (3 hours)

Cost: \$25 per Girl Scout

Recognitions: Ambassador Think Like an Engineer badge

Where: Steiner Academy, 3109 N. 120th St., Omaha (unless indicated otherwise). Let's get together at the Girl Scout DreamLab or we will travel to your troop! Locations more than 90-minutes travel time outside of Omaha may be subject to a travel fee (subject to total number of participants).

Capacity: 8 minimum; 50 maximum

Registration: [Register online](#) for all programs!

Chaperones: Follow [Safety Activity Checkpoints](#).

Questions: [Email us!](#)

NOTE: All Take Action projects will be completed on your own.

[Click here to visit the Challenge Island - Omaha Northwest website.](#)