



These are Badge Resource Kits to help your girl(s) explore new badges or topics or just for fun!

Look through this guide and request a kit through our online form for pick up at your nearest council office. It may take up to 3 weeks to transfer kits between offices. Kits have suggested levels and badges but feel free to get creative with them! **Some kits require a refundable deposit of \$100/kit.**

Request a kit here: https://form.jotform.com/220615724694055

Kits Available:

Name: Marble Runs Kit 1

Levels: All

Badges: As you Arrive Activity, Engineering Journey, Game Design.

Time for Preparation: 15 minutes to familiarize.

Time for Activity: 30-60 minutes

Description: Help the girls learn how to think critically about motion, and design and problem solving.

Deposit or Items Needed: None.

Check-In Instructions:

Name: OZOBOTS Kit 1

Levels: All

Badges: Think Like a Programmer Journey, Coding For Good 1, Robotics 1

Time for Preparation: overnight to charge bots, and 60 minutes to familiarize self with materials

Time for Activity: 60-90 minutes

Description: Program a journey, game, or race for the ozobots to learn about robots, coding and

programming!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100) Each kit is 2 parts: 1 tub, 1 folder

Check-In Instructions:

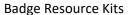
Name: Science of Light Kit 1

Levels: All

Badges: Space Science Badges

Time for Preparation: 35 min to read through

Time for Activity: 10-45 minutes





Description: Discover light in all it's forms! Visible and Invisible this kit helps your girls discover the science behind the light all around them!

Deposit or Items Needed: paper, pens/pencils, sunscreen, sunglasses, regular glasses, cloth, hats, window glass, water, smartphone, digital camera, remote controls for TV or other devices, various light sources.

Check-In Instructions:

Name: Daisies: Cheese Making Kit 1

Levels: D

Badges: Lupe's (Honest & Fair), It's your story - Tell it Journey: 5 flowers,4Stories, 3 Cheers for Animals,

Think like a Citizen Scientist Journey

Time for Preparation: 20 minutes to read-through or shop.

Time for Activity: 60 minutes plus clean up

Description: Take a risk, and observe how cheese is made. Discuss the importance of animals in our world and where food comes from. Learn about proteins and acid and the chemical change milk goes through to become cheese.

Deposit or Items Needed: Kitchen/Stove/hot plate, 1 gallon of 1-2% pasteurized milk (NOT Ultra pasteurized), a large pot, a large bowl, wooden spoon, Thermometer (opt.), Oven mitt, Crackers to eat your cheese with!, bathroom to wash up hands.

Check-In Instructions: Replace vinegar/salt if less than 1/3 of bottle/tub remains, let us know if we are low on other items.

Name: Daisies: Lunar Lollipops

Levels: D

Badges: Space Science Explorer

Time for Preparation: 30 min for read-through, making copies of handout.

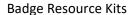
Time for Activity: 30 minutes

Description: The girls will learn the different phases of the moon and how the moon effects our planet.

Deposit or Items Needed: Tape for taping lamp cord down, handout copies

Check-In Instructions:

Name: Daisies: Pop Rockets





Levels: D

Badges: Tula (Courageous and Strong), Think like an Engineer Journey

Time for Preparation: 20 minutes to read-through.

Time for Activity: 45-60 minutes

Description: Think like an engineer as you design your very own rocket! Could you be courageous and

brave to take a risk with your design?

Deposit or Items Needed: scissors

Check-In Instructions: Replace if they get low: cardstock, Alka Seltzer tablets, and tape. Sharpen pencils

before returning, please.

Name: Daisies: Robo Create

Levels: D

Badges: Think Like a Programmer Journey, Coding For Good 1 Coding Basics, Robotics Bages

Time for Preparation: 15 minute read-through of instructions

Time for Activity: 30-45 minutes

Description: Learn to apply simple programing language and program Robo Regina to complete the

mission!

Deposit or Items Needed: None.

Check-In Instructions:

Name: Daisies: Program Your Friend

Levels: D

Badges: Think Like a Programmer Journey, Coding For Good 1 Coding Basics

Time for Preparation: 15 minute read-through of instructions

Time for Activity: 30-45 minutes

Description: Learn to apply simple programing language and program your very own "robot" friend to

help with a task.

Deposit or Items Needed: None.

Check-In Instructions:

Name: Goldiblox Daisy Engineering Journey Kit 1



Badge Resource Kits

Levels: D

Badges: DAISY: Mechanical Engineering Series

Time for Preparation: 1 day to look through materials and prepare.

Time for Activity: 90 minutes or 3 meetings

Description: This kit covers all 3 Mechanical Engineering Badges for 6 girls.

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100)

Check-In Instructions: ALL Pieces are unique to this kit and must be counted when returned.

Name: Domino Stacking Tiles Kit 1

Levels: D-A

Badges: As you arrive activity

Time for Preparation: 30 minutes to find badgework or inspiring materials

Time for Activity: 30-90 minutes

Description: Create a domino run with these colorful tiles. Maybe meet an engineering challenge?

Deposit or Items Needed: None.

Check-In Instructions:

Name: Eyes at Night Hike

Levels: D-A

Badges: ALL: Camping, Trail, Space Science Badges, Outdoor Journeys, DAISIES: Tula: Courageous and Strong, 5 flowers, 4 stories, and 3 cheers for Animal Journey BROWNIES: Hiker, Senses, JUNIORS: Animal

Habitat, Get moving Journey, CADETTES: Night Owl SENIOR: Sky,

Time for Preparation: 1-2 day to look through materials and prepare.

Time for Activity: 30-60 minutes

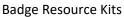
Description: What animals are nocturnal? Discover the animal visitors on a night hike with this kit!

Deposit or Items Needed: Flashlights.

Check-In Instructions:

Name: Lava Lamp

Levels: D-B





Badges: Think Like and Citizen Scientist/Engineer Journey, BROWNIES: Home Scientist

Time for Preparation: 30 minutes read through and making a demo.

Time for Activity: 45-60 minutes

Description: What happens when we introduce oil and water? How about when we mix in a fizzy tablet? How do these elements react to one another? How do we use chemical reactions in everyday life?

Deposit or Items Needed: table covers, hammer and nail to make holes in lids.

Check-In Instructions: Water bottles, Alka Seltzer, vegetable oil, food coloring if used up.

Name: Robot Turtle Boardgame

Levels: D-B

Badges: ALL: Programing/Coding Journeys

Time for Preparation: 1 hour to read thru and familiarize. Check out YouTube video for playthrough.

Time for Activity: 60-90 minutes

Description: Can you get your turtle to their gem? This game is designed and solved by you and has the capacity to be played from daises to adults! 4 player board game pieces do not move on their own

Deposit or Items Needed: None.

Check-In Instructions: Please put everything back into it's baggies.

Name: Brackitz

Levels: D-J

Badges: Think Like Engineer Journey, Mechanical Engineering, As you arrive activity

Time for Preparation: designing an activity to use block for.

Time for Activity: 5-30 minutes

Description: Use these building tools to think about how to make new designs and solve problems, or

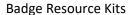
just play and create while waiting for friends to arrive!

Deposit or Items Needed: None.

Check-In Instructions:

Name: Code n Go Mouse and Maze Kit 1

Levels: D-J





Badges: ALL: Programing/Coding Journeys

Time for Preparation: 1 hour to read thru and familiarize

Time for Activity: 60-90 minutes

Description: It's up to your girls to guide Colby the Mouse through a maze of their creation! Use coding

techniques to program Colby's route to his cheese!

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries from mouse.

Name: Leave No Trace PEAK Programming K-5th grade

Levels: D-J

Badges: ALL: Eco Badges, Camping and Trail badges, Outdoor and Citizen Scientist Journeys DAISIES: Sunny: Friendly and Helpful, Zinni: Considerate and Caring, Mari: Responsible for what I say and do,

Clover: Use Resources Wisely, Rosie: Make the World a Better Pl

Time for Preparation: 1 day to look through materials and prepare.

Time for Activity: 30 minutes -3 days.

Description: This comprehensive guide can teach younger girls the 7 Leave No Trace Principles to lighten their impact on the planet, can use the whole guide or draw inspiration from it and use for multiple badges/journeys. MAY 2020 Online Training available through In

Deposit or Items Needed: None.

Check-In Instructions:

Name: OSMO Kit 1

Levels: D-J

Badges: Coding for Good Badges 1 and 2, Brownies: Computer Expert, Juniors: Musician.

Time for Preparation: 60 minutes to familiarize self with units/ Charge tablet.

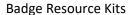
Time for Activity: 45-90 minutes

Description: OSMO help girls learn how to think critically, engage with technology and even preform

simple coding to make their own game, or music to jam to!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100), Access to Wi-Fi/Email.

Check-In Instructions:





Name: Makey Makey

Levels: B - A

Badges: Coding for Good Badges 1 and 2, Brownies: Computer Expert, Juniors: Musician.

Time for Preparation: 60 minutes to familiarize and look up activities

Time for Activity: 45-90 minutes

Description: With Makey Makey everyday objects are transformed into touchpads empowering students to interact with computers as creative tools. The computer becomes an extension of their creativity, fostering imaginative play and discovery. Screen time, so often the b

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100), Access to Wi-Fi/Email.

Check-In Instructions:

Name: Brownies: Computer Expert: Pancake Game

Levels: B

Badges: Think like a programmer journey, Coding for Good 1: Coding Basics, Brownies: Computer Expert

Time for Preparation: 0-10 minutes to try it out before the girls do.

Time for Activity: 10-20 minutes

Description: Learn how computers "talk" to one another and pass code with this simple looking but fun

challenge.

Deposit or Items Needed: patience

Check-In Instructions:

Name: Brownies: Leap Bots! Kit 1

Levels: B

Badges: Mechanical Engineering #2

Time for Preparation: 30 minutes to look at badge and materials and make example

Time for Activity: 30-60 minutes

Description: Build your own leaping bot and see how high it will go! There are 3 bases from which your

bots can leap!

Deposit or Items Needed: None.

Check-In Instructions:

Badge Resource Kits



Name: Goldiblox Brownie Engineering Journey Kit 1

Levels: B

Badges: BROWNIE: Mechanical Engineering Series

Time for Preparation: 1 day to look through materials and prepare.

Time for Activity: 90 minutes or 3 meetings

Description: This kit covers all 3 Mechanical Engineering Badges for 6 girls.

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100)

Check-In Instructions: ALL Pieces are unique to this kit and must be counted when returned.

Name: Making Paper

Levels: B-A

Badges: BROWNIES: Household Elf JUNIORS: Gardener (Seed paper), CADETTES: Book Artist SENIORS:

Textile Artist, or Collage Artist AMBASSADORS: Outdoor Art Master, Water

Time for Preparation: 30 minutes to look at badge and materials and make example

Time for Activity: 60-90 minutes

Description: Reuse and Recycle paper and make something beautiful and useful! Pulp your own paper,

strain and arrange it and let it dry then send a lovely letter or use it in an art piece!

Deposit or Items Needed: Scrap paper and water. Optional add ins: string, leaves, petals, seeds, or

glitter.

Check-In Instructions: Please return all things clean and dry.

Name: GPS Units

Levels: B-A

Badges: Juniors: Geocaching, Brownies: Letterboxing, Outdoor Journeys, Trail Adventure Badges,

Camper Badges

Time for Preparation: 30 minutes to familiarize self with units/ test batteries

Time for Activity: 1-4 hours!

Description: GPS units can be used in so many ways to help your girls find their way!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100), You may want: coordinates, geo

trackers/coins/ bugs, optional smartphone with Geocache app.

Check-In Instructions: Please remove all batteries when returning.



Name: Jewelry Kit 1

Levels: B-A

Badges: ALL: As you arrive activity, GS Way (SWAP/friendship bracelets) BROWNIES: Making Friends

JUNIORS: Jewelry CADETTE: Amaze Journey SENIOR: Mission: Sisterhood Journey

Time for Preparation: 1 hour to read thru and familiarize

Time for Activity: 60-90 minutes

Description: Do you want to sparkle? Shimmer? Or simply let your friends know they rock? Build a

special piece of jewelry or a rad friendship bracelet with this kit.

Deposit or Items Needed: charms, or specific pieces/hand made beads.

Check-In Instructions: Please keep pieces organized and let us know what is getting low.

Name: Our Place in the Universe: Moon Phases and Eclipse Science

Levels: B-A

Badges: Space Science Badges

Time for Preparation: 60-90 min to read-through and download smart phone apps.

Time for Activity: 30-90 minutes

Description: How big is the Earth? How do moon phases work? What is a solar eclipse and how can we

view it safely?

Deposit or Items Needed: index cards, measuring tape at least 65', objects to represent planets, darkened room, single bulb lamp (40-60 watt), tape for taping lamp cord to floor, Smart phones, string and tape, notebook, pens/pencils/ outdoor location.

Check-In Instructions:

Name: Pedometers (Step Counters)

Levels: B-A

Badges: ALL: Trail Adventure badges BROWNIES: Hiker, My Best Self JUNIORS: Staying Fit CADETTES: Trailblazing, EcoTreker, SENIORS: Women's Health, Traveler AMBASSADOR: Coaching, Ultimate

Recreational Challenge

Time for Preparation: 30 minutes to find badgework or inspiring materials

Time for Activity: 30 minutes to a week or so of tracking

Description: Clip this counter to your waistband and count your steps to a healthier future!



Deposit or Items Needed: None.

Check-In Instructions:

Name: Snap Circuits Alternative Energy Kit 1

Levels: B-A

Badges: Coding for Good 1, Think like a Programmer/Citizen Scientist Journey, It's your Planet Love it

Journey, Eco Badges. Brownies: Household Elf

Time for Preparation: Charge battery pack at least an hour before use.

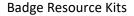
Time for Activity: 30-90 minutes

Description: Programming is a snap with these kits. Explore the different options and flow of energy

using these snap together pieces.

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.





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Kits Available:

Name: Manual Switchboard

Levels: B-C

Badges: Coding for Good 1, Think like a Programmer Journey

Time for Preparation: 30 minute read-thru

Time for Activity: 30-60 minutes

Description: Learn how using electric circuits and 7 simple lines can create every number. Much like a

scoreboard!

Deposit or Items Needed: None.

Check-In Instructions: None.

Name: Snap Circuits Kit 1

Levels: B-A

Badges: Coding for Good 1, Think like a Programmer Journey

Time for Preparation: 0-5min

Time for Activity: 30-90 minutes

Description: Programming is a snap with these kits. Explore the different options and flow of energy

using these snap together pieces.

Deposit or Items Needed: None.

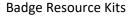
Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: Snap Circuits Kit 2

Levels: B-A

Badges: Coding for Good 1, Think like a Programmer Journey

Time for Preparation: 0-5min





Time for Activity: 30-90 minutes

Description: Programming is a snap with these kits. Explore the different options and flow of energy

using these snap together pieces.

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: Snap Circuits Kit 3

Levels: B-A

Badges: Coding for Good 1, Think like a Programmer Journey

Time for Preparation: 0-5min

Time for Activity: 30-90 minutes

Description: Programming is a snap with these kits. Explore the different options and flow of energy

using these snap together pieces.

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: Code n Go Mouse Mania board game

Levels: B-C

Badges: ALL: Programing/Coding Journeys

Time for Preparation: 1 hour to read thru and familiarize

Time for Activity: 60-90 minutes

Description: Code your path to gather all the cheese wedges before your friends! (4 player Boardgame-

doesn't move on own)

Deposit or Items Needed: None.

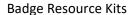
Check-In Instructions: Please put everything back into it's baggies.

Name: Magnetic Slime Kit

Levels: B-C

Badges: Brownies: Home Scientist, All levels: Think like a Citizen Scientist Journey

Time for Preparation: 30 minutes to familiarize self with units/ make a demo batch





Time for Activity: 45-90 minutes

Description: You've no doubt made slime, but have you made magnetic slime?! This takes your slime to

the next level as girl explore the properties of this house hold science experiment.

Deposit or Items Needed: Please dispose of left over slime.

Check-In Instructions: Please replace glue, liquid starch if low

Name: Resourceful Rafts

Levels: B-J

Badges: Think like an Engineer Journey, Juniors: Mechanical Engineering Badge 2-Paddle Boat,

Time for Preparation: 20 minute read-through and fill tub with water

Time for Activity: 30-90 minutes

Description: Using items found at home create your own Life Raft! What materials make the best raft?

Test your design! Juniors can use this to prep for building their Paddle Boat Badge

Deposit or Items Needed: Paper, pens/pencils, water, towels, more scissors, rocks, marbles, beads, or

waterproof toys to test buoyancy.

Check-In Instructions: If straws, tape, cups, or trash bags run low please resupply.

Name: Sinking Ship

Levels: B-J

Badges: Think Like an Engineer Journey, Junior Mechanical Engineering- Paddle Boat Design Badge

Time for Preparation: 20 minute read-through and fill tub with water

Time for Activity: 30-90 minutes

Description: Design your very own boat! How much weight can your boat hold before it sinks? Test critical design skills with this wet and fun kit! Juniors can use this to prep for building their Paddle Boat

Badge

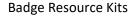
Deposit or Items Needed: Water, towels

Check-In Instructions: Please dry tub, and weights thoroughly before returning.

Name: Squishy Circuits

Levels: B-J

Badges: Brownies: Home Scientist, Think like a Citizen Scientist Journey





Time for Preparation: Charge battery pack at least a few hours before use.

Time for Activity: 45-90 minutes

Description: Whip up some science with household items! Make a light bulb light up using play dough

made from household materials!

Deposit or Items Needed: Water, towels, bowls Also check out Battery Charger for Squishy Circuits

Check-In Instructions: Refill sugar, salt, white flour, lemon juice, vegetable oil if low. Toss dough- Do not

return.

Name: Bug Kit 1 w/ 3 Digital Microscopes

Levels: B-J

Badges: ALL: Citizen Scientist Journeys, DAISY: Tula: Courageous and Strong, All 3 Journeys BROWINES:

Bugs, JUNIOR: Flowers, Gardner

Time for Preparation: 1-2 hours to familiarize self with microscope- especially if projecting to larger

screen.

Time for Activity: 60-90 minutes

Description: Do creepy crawlers entice your girls? Do they want to see the world on a microscopic level?

Hop into it with the catchers and magnify your girl's experience!

Deposit or Items Needed: bugs, nice day?

Check-In Instructions: Please remove all bugs before returning

Name: Juniors: Robotic Hand

Levels: J

Badges: Robotics 1 and 2, Product Designer, Think Like a Citizen Scientist Journey, Programmer Journey

Time for Preparation: 15 minutes to familiarize.

Time for Activity: 30-60 minutes

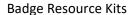
Description: Help the girls learn how robotics can move and how to design movement in designs.

Deposit or Items Needed: None.

Check-In Instructions:

Name: Juniors: Electromagnetic Coils

Levels: J





Badges: Juniors: Product Designer, Citizen Scientist Journey

Time for Preparation: 30 minutes to Familiarize

Time for Activity: 60-90 minutes

Description: Building your own magnet is an exciting experiment to understand how electromagnets

work. It could open discussion up for how we use them in today's technology.

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: Making Clouds

Levels: J-S

Badges: Juniors: Space Science Investigator, Seniors: Sky

Time for Preparation: 30 minutes to Familiarize/Set up

Time for Activity: 30-60 minutes

Description: How do Clouds form? This simple experiment can demonstrate!

Deposit or Items Needed: Water

Check-In Instructions:

Name: 3Doodler (3D Plastic Building Pens)

Levels: J-A

Badges: J-A: Engineering Journey

Time for Preparation: 1 day to look through materials and prepare.

Time for Activity: 30-60 minutes

Description: Use cards included to create your design! Draw whatever you like in 3d! Test new designs,

make new inventions!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100)

Check-In Instructions: Plastic must be cleaned out of each pen and kit must be refilled with plastic,

available in the shop.

Name: 3Doodler (Architect)

Levels: J-A

Badge Resource Kits



Badges: J-A: Engineering Journey

Time for Preparation: 1 day to look through materials and prepare.

Time for Activity: 30-60 minutes

Description: Use cards included to create your design! Draw whatever you like in 3d! Test new designs,

make new inventions!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100)

Check-In Instructions: Plastic must be cleaned out of each pen and kit must be refilled with plastic,

available in the shop.

Name: 3Doodler (Robotic Kit)

Levels: J-A

Badges: J-A: Engineering Journey, Programming Robotics Series

Time for Preparation: 1 day to look through materials and prepare.

Time for Activity: 30-60 minutes

Description: Use cards included to create your design! Draw whatever you like in 3d! Test new designs,

make new inventions!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100)

Check-In Instructions: Plastic must be cleaned out of each pen and kit must be refilled with plastic,

available in the shop.

Name: Almubot Robot Kit (Blue: Blister)

Levels: J-A

Badges: J-A: Programing Robotics

Time for Preparation: 30 minutes to familiarize

Time for Activity: 60-90 minutes

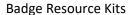
Description: Build and control your Robot! This building block kit takes you through step by step to

build your own bot! Get both kits and race or battle bots.

Deposit or Items Needed: flat surface

Check-In Instructions: Please remove batteries from control.

Name: Almubot Robot Kit (Red: Battlefield I)





Levels: J-A

Badges: J-A: Programing Robotics

Time for Preparation: 30 minutes to familiarize

Time for Activity: 60-90 minutes

Description: Build and control your Robot! This building block kit takes you through step by step to

build your own bot! Get both kits and race or battle bots.

Deposit or Items Needed: flat surface

Check-In Instructions: Please remove batteries from control.

Name: Digital Cameras Kit 1

Levels: J-A

Badges: Juniors: Digital Photographer, CADETTES: Marketing, digital Movie Maker, Media Journey SENIOR: Truth Seeker, GIRLtopia Journey, Traveler, Sky, Room Makeover, Collage Artist AMBASSODOR:

Photographer, ALL: Outdoor Journeys and Outdoor Art Badges,

Time for Preparation: Overnight to charge cameras

Time for Activity: 60-?

Description: Cameras to use to tell your story or show your progress!

Deposit or Items Needed: REFUNDABLE DEPOSIT REQUIRED (\$100)

Check-In Instructions:

Name: KNEX: Roller Coaster

Levels: J-A

Badges: Juniors: Entertainment Technology, Product Design, All: Engineering Journey,

Time for Preparation: 30 minutes to Familiarize

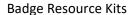
Time for Activity: 60-90 minutes

Description: How do roller coasters work? Build your own to understand the thrill of the ride!

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: KNEX:3 in 1 Amusement Park Rides





Levels: J-A

Badges: Juniors: Entertainment Technology, Product Design, All: Engineering Journey,

Time for Preparation: 30 minutes to Familiarize

Time for Activity: 60-90 minutes

Description: Carousels, Ferris wheels and more! How do these common amusement park rides work?

Build your own to find out!

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: Orienteering and Compasses

Levels: J-A

Badges: J-A: Camping, Trail badges and Outdoor Journeys, CADETTES: Eco Trekker SENIOR: Traveler,

Adventurer, AMBASSADOR: Ultimate Recreation Challenge,

Time for Preparation: 1-2 day to look through materials and prepare.

Time for Activity: 30-60 minutes

Description: Learning to orient yourself in the world and find your way anywhere, using maps,

compasses, and coordinates.

Deposit or Items Needed: None.

Check-In Instructions:

Name: Snap Circuits Kit 4

Levels: J-A

Badges: Coding for Good 1, Think like a Programmer Journey

Time for Preparation: 0-5min

Time for Activity: 30-90 minutes

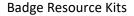
Description: Programming is a snap with these kits. Explore the different options and flow of energy

using these snap together pieces.

Deposit or Items Needed: None.

Check-In Instructions: Please remove batteries and place pieces back in box properly.

Name: Snap Circuits Kit 5





Levels: J-A

Badges: Coding for Good 1, Think like a Engineering Journey, Junior Mechanical Engineering Badges

Time for Preparation: 0-5min

Time for Activity: 30-90 minutes

Description: Engineer your structure and then power it with Snap Circuits!

Deposit or Items Needed: None.

Check-In Instructions: (Piece S1 on/off switch missing) Please remove batteries and place pieces back in

box properly.

Name: Solar Rovers Kit

Levels: J-A

Badges: Citizen Scientist Badges, Outdoor Journeys, Space Science (solar), and Eco Badges (alternative

energy), Junior: Mechanical Engineering 1

Time for Preparation: 1 hour to read thru and familiarize

Time for Activity: 60-90 minutes

Description: Harness the sun's energy and reuse a can or bottle to make a solar rover! Race them

outside!

Deposit or Items Needed: cans or empty bottles to turn into cars, Sunlight

Check-In Instructions:

Name: Virtual Reality Cardboard Viewers for Smartphones

Levels: J-A

Badges: As you arrive activity, Depending on program on phone can be applied to countless badge series

including, Space Science.

Time for Preparation: 60 minutes to look at badge and materials and set up and test app.

Time for Activity: 30-60 minutes

Description: Look at the stars or go explore a national monument, or even inside the human body, from wherever you are with your smartphone these virtual reality viewers make it seem like you are right

there!

Deposit or Items Needed: Smartphones with VR apps (Free ones in instructions)

Check-In Instructions:



Name: Coin Sorter

Levels: J-C

Badges: Juniors: Product Designer, Savvy Shopper Cadettes: Budgeting

Time for Preparation: 30 minutes to Familiarize/Set up

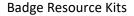
Time for Activity: 30-60 minutes

Description: How does a coin sorter "know" how to sort coins? Explore how good design can help us in

everyday life and count your change!

Deposit or Items Needed: Coins

Check-In Instructions:





These are Badge Resource Kits to help your girl(s) explore new badges or topics or just for fun!

Look through this guide and request a kit through our online form for pick up at your nearest council office. It may take up to 3 weeks to transfer kits between offices. Kits have suggested levels and badges but feel free to get creative with them! **Some kits require a refundable deposit of \$100/kit.**

Request a kit here: https://girlscoutsksheartland.wufoo.com/forms/k1kuioxx195g42l/

Kits Available:

Name: CSI Kit: Lie Detector

Levels: J-S

Badges: JUNIORS: Detective, CADETTES: Special Agent SENIORS: Truth Seeker,

Time for Preparation: 1 hour to read thru and familiarize

Time for Activity: 60-90 minutes

Description: Who dun it? Dive into the world of detectives and searching for clues with these hands on

activities to explore common mystery solving techniques. Can you pass the lie detector?

Deposit or Items Needed: None.

Check-In Instructions: Please recycle used paper. Please remove batteries from lie detector.

Name: CSI Kit: Morse Code

Levels: J-S

Badges: JUNIORS: Detective, CADETTES: Special Agent SENIORS: Truth Seeker,

Time for Preparation: 1 hour to read thru and familiarize

Time for Activity: 60-90 minutes

Description: Who dun it? Dive into the world of detectives and searching for clues with these hands on activities to explore common mystery solving techniques. Brush up on your Morse code and other secret

communication.

Deposit or Items Needed: None.

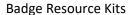
Check-In Instructions: Please recycle used paper.

Name: Cadettes: Comic Book Drawing

Levels: C

Badges: Comic Book Artist

Time for Preparation: 30 minutes to familiarize





Time for Activity: 60-90 minutes

Description: Create your characters, your scene, and share your story!

Deposit or Items Needed: None.

Check-In Instructions: Please sharpen pencils before returning.

Name: Cadettes: Dissected Book

Levels: C

Badges: Book Artist-Step 2

Time for Preparation: 30 minutes

Time for Activity: 30 minutes

Description: Show examples of different types of books and see a book that has been labeled and

dissected!

Deposit or Items Needed: None.

Check-In Instructions:

Name: Cyanotype Print Kit (Sun Prints)

Levels: C-A

Badges: Cadettes: Space Science Researcher, Senior, Sky, ALL: Outdoor Art

Time for Preparation: 31 minutes to Familiarize, make a sample.

Time for Activity: 60-90 minutes

Description: Art from the sun! Learn about UV rays and the light spectrum while creating a one of kind

print from the sun.

Deposit or Items Needed: water, sunlight, trinkets and doodads to create designs.

Check-In Instructions: Please be careful to not expose the Cyanotype paper, and dry tub if you used it

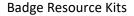
for water.

Name: Leave No Trace Older Girls Kit

Levels: C-A

Badges: ALL: Eco Badges, Camping and Trail badges, Outdoor and Citizen Scientist Journeys, CADETTES: Trees, Breathe Journey, SENIORS: Paddling, Truth Seeker, Voice for the Animals, Sow What journey,

AMBASSADORS: water, Justice Journey, Your Voice, Your World Jour





Time for Preparation: 1-2 day to look through materials and prepare.

Time for Activity: 30-3 days.

Description: This comprehensive guide can teach older girls (and parents) the 7 Leave No Trace Principles to lighten their impact on the planet, can use the whole guide or draw inspiration from it and use for multiple badges/journeys. See online LNT Awareness course f

Deposit or Items Needed: None

Check-In Instructions:

Name: Recording Drone (red box)

Levels: C-A

Badges: Cadettes: It's your story Journey-Media, It's your planet- Breathe, outdoor Journey, Trees, Marketing, Seniors: Sky, Eco Explorer, Truth Seeker, It's your Planet: Sow What Journey, It's Your World,

Change it: GIRLtopia ALL: Outdoor Art, Outdoor Journeys,

Time for Preparation: 30 minutes to Familiarize

Time for Activity: 60-90 minutes

Description: Stream a bird's eye view for any type of project and learn to pilot a drone!

Deposit or Items Needed: None

Check-In Instructions: Please practice caution and have first aid kit nearby.

Name: Streaming Drone 1 (green box)

Levels: C-A

Badges: Cadettes: It's your story Journey-Media, It's your planet- Breathe, outdoor Journey, Trees, Marketing, Seniors: Sky, Eco Explorer, Truth Seeker, It's your Planet: Sow What Journey, It's Your World,

Change it: GIRLtopia ALL: Outdoor Art, Outdoor Journeys,

Time for Preparation: 30 minutes to Familiarize

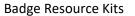
Time for Activity: 60-90 minutes

Description: Stream a bird's eye view for any type of project and learn to pilot a drone!

Deposit or Items Needed: None

Check-In Instructions: Please practice caution and have first aid kit nearby.

Name: V8 Engine Model





Levels: C-A Badges: Seniors: Car Care, Robotics 2 **Time for Preparation:** 30 minutes to familiarize Time for Activity: 60-90 minutes **Description:** Teach girls how a v-8 engine works and build a model to better understand how engines turn furl into energy. Deposit or Items Needed: None **Check-In Instructions:** Name: Levels: **Badges: Time for Preparation:** Time for Activity: **Description: Deposit or Items Needed: Check-In Instructions:** Name: Levels: **Badges: Time for Preparation:** Time for Activity: **Description: Deposit or Items Needed:**

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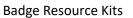
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