

Girl Scout Badges and Patches

During STEM Day, Girl Scouts have the opportunity to work toward earning different Girl Scout [badges and patches](#)! By attending STEM Day 2026, all Girl Scouts have earned the [STEM Career Exploration badge](#) (all levels) and completed the first activity for the [STEAM Challenge patch](#) (all levels)!

By visiting the various booths, you can complete several steps toward the following Girl Scout badges and patches for your age level. Finish any remaining steps at home or with your troop! Explore Badge steps for each [Grade level](#) or the full STEM Day program partner booth list below:

- D - Girl Scout Daisies (K–1)
- B - Girl Scout Brownies (2–3)
- J - Girl Scout Juniors (4–5)
- C - Girl Scout Cadettes (6–8)
- S - Girl Scout Seniors (9–10)
- A - Girl Scout Ambassadors (11–12)

Girl Scouts can work toward earning the following patches and badges by visiting the booths listed below. Click on the link to explore badge requirements and purchase the badge. Please note the badge step may be different from the example activity listed in the Badge booklet. As long as you meet the goal of the step, the step is complete.

Full Booth and Badge List:

Please note: STEM Day booths are subject to change.

Booth	Partner Name	Activity Description	Badge Connections
1	First Aid	Please stop by Booth 1 if you require First Aid or are lost.	
2	Overnight Camp	Learn all about geocaches and make your own trinket to trade.	J- Geocacher Badge - Steps 1 -4
3	GSOSW Retail Shop	Full of exciting STEM items and select Girl Scout badges and patches for sale.	All levels - Select patches & badges on sale.

Booth	Partner Name	Activity Description	Badge Connections
4	OregonRocketry	Explore the physics of flight and make and launch straw rockets.	B- <u>Fling Flyer Design Challenge Engineering Badge</u> - <u>All Steps</u>
5	National Association Of Women In Construction - NAWIC	Discover tools of the construction trade.	D- <u>Craft and Tinker Badge</u> -Step 1 - 3 B- <u>Craft and Tinker Badge</u> - Step 1 -3 J- <u>Craft and Tinker Badge</u> - Step 1 - 3 C - <u>Woodworker Badge</u> -Steps 1 -4
6	Tillamook County Creamery Association	Discover the STEM in dairy.	All levels - <u>Oregon Dairy patch</u> - Steps 2 -5 B- <u>Senses badge</u> - Step 4
7	Code Ninjas Eugene and Hillsboro	Explore coding, robotics, and cybersecurity.	Robotics Badges D- <u>What Robots Do Badge</u> -Steps 1, 2 B- <u>Programming Robots Badge</u> - Step 3 B- <u>Designing Robots Badge</u> - Steps 2, 3 J - <u>Programming Robots Badge</u> Steps 1,3 J - <u>Designing Robots Badge</u> - Step 1 J - <u>Showcasing Robots Badge</u> - Step 5 C- <u>Programming Robots Badge</u> - Steps 1, 4 C- <u>Showcasing Robots Badge</u> - Step 1,4,5 S - <u>Programming Robots Badge</u> - Steps 1,4 S - <u>Showcasing Robots Badge</u> - Steps 4,5 A- <u>Programming Robots Badge</u> - Steps 1, 4

Booth	Partner Name	Activity Description	Badge Connections
			A - <u>Showcasing Robots Badge</u> Steps 4, 5 Coding Badges D- <u>Digital Game Design Badge</u> - Steps 1-3 D- <u>Digital Game Design Badge 2</u> - Steps 1-3 B- <u>Digital Game Design Badge</u> Steps 1,4 B- <u>Digital Game Design Badge 2</u> Steps 1 -3 J- <u>Digital Game Design Badge</u> - Steps 1, 4 J- <u>Digital Game Design Badge 2</u> - Steps 1 -3 Cybersecurity Badges D- <u>Cybersecurity Basics Badge</u> -all steps B - <u>Cybersecurity Basics Badge</u> - all steps B - <u>Cybersecurity Safeguards Badge</u> - all steps B - <u>Cybersecurity Investigator Badge</u> - Step 1 J - <u>Cybersecurity Basics Badge</u> Steps 1,2,5 C- <u>Cybersecurity Basics Badge</u> - Step 1 S - <u>Cybersecurity Basics Badge</u> -Step 3 A- <u>Cybersecurity Basics Badge</u> - Step 5
8	Disney Imagination Campus		
9	Portland General Electric	Explore the power of electricity with wearable art.	D- <u>Craft and Tinker Badge</u> -Step 1 - 3 B- <u>Craft and Tinker Badge</u> - Step 1 -3

Booth	Partner Name	Activity Description	Badge Connections
			J- Craft and Tinker Badge - Step 1 - 3 B- Outdoor Art Creator - Step 2, J- Outdoor Art Explorer -Step 2 C- Outdoor Art Apprentice - Step 2 S- Outdoor Art Expert - Step 2 A - Outdoor Art Master - Step 2
10	Hinds Instruments	Explore the science behind music.	J- Musician Badge - Steps 1, 3 S- Collage Badge - Step 3
11	High Voltage Team #18108	Meet the High Voltage Robotics Team's robot.	All levels - Robotics Badge D- What Robots Do Badge -Steps 1, 2 D- How Robots Move Badge Steps 1 -3 B- Programming Robots Badge - Step 3 B- Designing Robots Badge - Steps 2, 3, 5 J - Programming Robots Badge Steps 1,3 J - Designing Robots Badge - Step 1 J - Showcasing Robots Badge - Step 5 C- Programming Robots Badge - Steps 1, 4 C- Showcasing Robots Badge - Step 1,4,5 S - Programming Robots Badge - Steps 1,4 S - Showcasing Robots Badge - Steps 4,5 A- Programming Robots Badge - Step 1, 4 A - Showcasing Robots Badge Steps 4, 5
12	Willamette University	Look at your own cheek cells through a microscope.	J- Detective Badge - Step 4 C- Special Agent - Step 2

Booth	Partner Name	Activity Description	Badge Connections
13	International STEM League	Use gaming to create wearable art.	D- Craft and Tinker Badge -Step 1 - 3 B- Craft and Tinker Badge - Step 1 -3 J- Craft and Tinker Badge - Step 1 - 3 B- Outdoor Art Creator - Step 2, J- Outdoor Art Explorer -Step 2 C- Outdoor Art Apprentice - Step 2 S- Outdoor Art Expert - Step 2 A - Outdoor Art Master - Step 2
14	Garibaldi Cultural Heritage Initiative	Meet live tidepool creatures and explore marine biology.	D- Animal Observer Badge - Step 1 J - Animal Habitats Badge - Steps 1, 2
15	Oregon Shores	Discover how water affects different environments	J - Animal Habitats Badge - Steps 1, 2 J- Detective Badge - Step 4 C- Special Agent - Step 2
16	Mad Composer	Discover the science behind music and nature.	D- Outdoor Art Maker - Step 2 B- Outdoor Art Creator - Step 1,3 J- Outdoor Art Explorer -Step 3 C- Outdoor Art Apprentice - Step 1,3 S- Outdoor Art Expert - Step 1,3 A - Outdoor Art Master - Step 1,3 J- Musician Badge -Step 1, 3
17	Daimler Truck North America	Discover the automotive industry and check out a semi-truck in person.	D - Automotive Design Badge - Step 1 B - Automotive Design Badge - Step 2 J - Automotive Design Badge - Step 3

Booth	Partner Name	Activity Description	Badge Connections
18	AAA Oregon/Idaho	Discover the automotive industry and check out an Electric Mustang in person.	D - <u>Automotive Design Badge</u> - Step 1 B - <u>Automotive Design Badge</u> - Step 2 J - <u>Automotive Design Badge</u> - Step 3
19	Hiss&Hers	Meet different reptiles as you explore the science of reptiles.	D- <u>Animal Observer Badge</u> - Step 1 B - <u>Pets Badge</u> - Step 1 J - <u>Animal Habitats Badge</u> - Steps 1, 2
20	vintageTEK museum	Explore vintage tech equipment through hands-on experiments.	All levels - <u>STEM Career Exploration Badge</u>
21	Skynet Robotics Team 2550	Meet the Skynet Robotics Team 2550 robot.	All levels - Robotics Badge D- <u>What Robots Do Badge</u> - Steps 1, 2 D- <u>How Robots Move Badge</u> - Steps 1 -3 B- <u>Programming Robots Badge</u> - Step 2 J - <u>Programming Robots Badge</u> - Steps 1,3 J - <u>Designing Robots Badge</u> - Step 1 J - <u>Showcasing Robots Badge</u> - Steps 1, 5 C- <u>Programming Robots Badge</u> - Steps 1, 5 S - <u>Programming Robots Badge</u> - Steps 1,5 A- <u>Designing Robots Badge</u> - Step 1 A - <u>Showcasing Robots Badge</u> Steps 4, 5
22	Professional Land Surveyors of Oregon (PLSO)	Explore high-tech equipment and discover the world of surveying.	J - <u>Design with Nature Badge</u> - Step 3 J- <u>Geocacher Badge</u> - Steps 1 -4

Booth	Partner Name	Activity Description	Badge Connections
23	Applied Materials	Learn about semiconductors and try out robot arms.	D- <u>What Robots Do Badge</u> -Steps 1, 2 D- <u>How Robots Move Badge</u> Steps 1 -3 B- <u>Programming Robots Badge</u> -Step 2 J - <u>Programming Robots Badge</u> Steps 1,3 J - <u>Designing Robots Badge</u> - Step 1 J - <u>Showcasing Robots Badge</u> - Steps 1, 5 C- <u>Programming Robots Badge</u> -Steps 1, 5 S - <u>Programming Robots Badge</u> -Steps 1,5 A- <u>Programming Robots Badge</u> -Step 1 A - <u>Showcasing Robots Badge</u> Steps 4, 5
24	PDX MiniMakers	Explore 3-D printing.	D- <u>Craft and Tinker Badge</u> -Step 1 - 3 B- <u>Craft and Tinker Badge</u> - Step 1 -3 J- <u>Craft and Tinker Badge</u> - Step 1 - 3
25	Ear Trumpet	Discover the power of music and microphones.	J- <u>Musician Badge</u> -Steps 1, 3
26	FIRST Lego Robotics - The Lego Legends and FRC – Error Xero	Discover LEGO robotics with the LEGO Legends.	D- <u>What Robots Do Badge</u> Steps 1, 2 D- <u>How Robots Move Badge</u> -Steps 1-3 B- <u>Showcasing Robots Badge</u> - Steps 3-5 J - <u>Programming Robots Badge</u> - Step 1 J - <u>Showcasing Robots Badge</u> -- Steps 3-5

Booth	Partner Name	Activity Description	Badge Connections
			C- Programming Robots Badge - Step 1 C- Showcasing Robots Badge - Steps 1 -3 S - Designing Robots Badge - Step 1 S - Showcasing Robots Badge - Steps 4, 5 A- Designing Robots Badge - Step 1 A - Showcasing Robots Badge Steps 1, 4, 5
27	Salem Amateur Radio Club	Learn about HAM radios and Morse code.	All levels - STEM Career Exploration Badge
28	Portland Fire & Rescue	Try on some fire gear, learn hands-on CPR, and discover what it's like to be a firefighter.	B - First Aid Badge - Steps - 1, 2, 4 J - First Aid Badge -Step 2 C- First Aid Badge - Step 2 A - First Aid Badge - Step 2
29	Talk About Trees	Get creative with and discover the power of native trees.	All levels - Tree Promise - Steps 1, 2 B- Outdoor Adventurer - Step 2 B- Outdoor Art Creator - Step 2 J- Outdoor Art Explorer -Step 2 C- Outdoor Art Apprentice - Step 2 S- Outdoor Art Expert - Step 2 A - Outdoor Art Master - Step 2 C- Trees Badge - Steps 1 -4
30	STEM Like a Girl	Design a marble maze.	D- Digital Game Design Badge - Steps 2, 3 B- Digital Game Design Badge Steps 3,4 J- Digital Game Design Badge - Steps 3, 4
31	SKILLCRAFT INSTITUTE	Explore woodworking traditions and the tools that	All levels - Tree Promise - Steps 1, 2 D- Craft and Tinker Badge -Step 1

Booth	Partner Name	Activity Description	Badge Connections
		turn a tree into different items.	B- Craft and Tinker Badge - Step 2, 3 J- Craft and Tinker Badge - Step 1 - 3 B- Outdoor Adventurer - Step 2 B- Outdoor Art Creator - Step 2 J- Outdoor Art Explorer - Step 2 C- Outdoor Art Apprentice - Step 2 S- Outdoor Art Expert - Step 2 A - Outdoor Art Master - Step 2 C- Trees Badge - Steps 1 -4 C - Woodworker Badge - Steps 4
32	GSOSW Astronomy Club	Explore art in space.	All levels -Space Science Badges D - Space Science Explorer Badge - Steps 1 -3 B - Space Science Adventurer Badge - Step 3 J - Space Science Investigator Badge -Steps 1, 3 C - Space Science Researcher Badge - Step 1 S - Space Science Expert Badge - Step 2 A – Space Science Ambassador Badge - Steps 1,2
33	Marion County Master Gardeners Association	Use a microscope to get up close with different kinds of pollinators.	D- Animal Observer Badge - Step 1 B- Bugs Badge - Steps 3, 5 J - Animal Habitats Badge - Step 1
34	Alaska Airlines	Explore aerodynamics and meet women with careers in aviation.	All levels - STEM Career Exploration Badge
35	Tualatin Valley Physical Therapy	Discover human anatomy and try a mini obstacle course	D- Fun with Movement Badge - Step 3 B- Me Time Badge - Steps 2, 5 J- Uniquely Us Badge - Step 1

Booth	Partner Name	Activity Description	Badge Connections
36	Dreams of a Scientist	Explore how science and art connect.	All Levels - <u>Seeking Sasquatch patch</u> - Step 2, 3 D- <u>Animal Observer Badge</u> -Step 1 J - <u>Animal Habitats Badge</u> - Step 1
37	Mathnasium of Salem	Play some fun math games.	All levels - <u>STEM Career Exploration</u>
38	Oregon State University Girls Empowerment, Science, & Outreach	Explore biology with a fun, hands-on activity.	All levels - <u>STEM Career Exploration</u>
39	Leatherman Tool Group	Discover what goes into designing Leatherman multi- tools.	D- <u>Craft and Tinker Badge</u> -Step 1, 2 B- <u>Craft and Tinker Badge</u> - Step 1 -4 J- <u>Craft and Tinker Badge</u> - Step 1 - 4
40	Oregon State Public Health Laboratory	Create Disease Identification bracelets and learn about STEM in public health.	J- <u>Detective Badge</u> - Step 4 C- <u>Special Agent</u> - Step 2
41	Spicy Pedals	Explore bicycle repair and try your hand at removing and reinstalling tires.	D- <u>Craft and Tinker Badge</u> -Step 1 B- <u>Craft and Tinker Badge</u> - Step 1,2 J- <u>Craft and Tinker Badge</u> - Step 1, 2
42	Rose City Astronomers	Explore stargazing, space, and the moon.	All levels -Space Science Badges D - <u>Space Science Explorer Badge</u> - Steps 1 -3 B - <u>Space Science Adventurer Badge</u> - Steps 1,2 J - <u>Space Science Investigator Badge</u> -Steps 1, 3 C - <u>Space Science Researcher Badge</u> - Steps 3, 4 S - <u>Space Science Expert Badge</u> -

Booth	Partner Name	Activity Description	Badge Connections
			Steps 2, 3 A – <u>Space Science Ambassador Badge</u> - Steps 1,2
43	Women in Transportation	Explore STEM in transportation.	All levels - <u>STEM Career Exploration Badge</u>
44	OHSU Department of Molecular and Medical Genetics	Dissect a strawberry and check out its DNA.	J- <u>Detective Badge</u> - Step 4 C- <u>Special Agent</u> - Step 2
45	Oregon Department of Fish and Wildlife - Avian	Meet biologists who help protect birds.	All Levels - <u>Seeking Sasquatch patch</u> -Step 3 D- <u>Animal Observer Badge</u> - Steps 1, 3 J - <u>Animal Habitats Badge</u> - Steps 1, 2
46	Starker Forests, Inc.	Explore different tree Identification and the lifespan of trees.	All levels - <u>Tree Promise</u> - Step 1,2 C- <u>Trees Badge</u> - Steps 1, 2
47	Goat It Solutions	Meet Nigerian dwarf goats and explore the science of goats.	D- <u>Animal Observer Badge</u> -Steps 1, 3 B - <u>Pets Badge</u> -Steps 2, 3 C- <u>Animal Helper Badge</u> - Steps 1, 2
48	Portland Alcohol Research Center	Understand the brain and explore careers in neuroscience.	All levels - <u>STEM Career Exploration Badge</u>
49	GSOSW Highest awards	Explore how Girl Scouts are making a difference with Girl Scout travel and STEM Highest Award projects.	S- <u>Traveler Badge</u> - Step 1

Booth	Partner Name	Activity Description	Badge Connections
50	United Airlines	Learn how to park an aircraft and meet women with careers in aviation.	All levels - <u>STEM Career Exploration Badge</u>
51	Orchard Hills Animal Hospital	Learn about veterinary medicine and how to care for sick animals.	D- <u>Animal Observer Badge</u> -Step 3 B - <u>Pets Badge</u> - Steps 2, 3 C- <u>Animal Helper Badge</u> - Steps 1, 2
52	GSOSW Product Team	Discover how to set a Cookie Season goal, explore the new cookie lineup, and check out rewards.	D- My First Cookie Business - Steps 1, 2 D - Cookie Goal Setting - Steps 1, 2 B- My Cookie Customers - Step 1 B - Cookie Decision Maker - Step 1 J - My Cookie Team - Steps 1, 2 J - Cookie Collaborator - Steps 1, 2 C - My Cookie Venture - Steps 1, 2 C- Cookie Market Researcher - Step 2 C- Cookie Innovator - Steps 1, 2 S- My Cookie Network - Step 2 S - Cookie Boss - Step 2 A - My Cookie Business Resume - Step 1
53	Oaks Park Association - Roller Rink	Learn about the engineering behind roller skating.	B - <u>Automotive Engineering Badge 2-</u> Step 1 J - <u>Automotive Engineering Badge 2-</u> Step 1
54	Girls rising in tech	Participate in fun hands-on activities to learn about cybersecurity.	D- <u>Cybersecurity Basics Badge</u> -all steps B - <u>Cybersecurity Basics Badge</u> - all steps B - <u>Cybersecurity Safeguards Badge</u> - all steps B - <u>Cybersecurity Investigator Badge</u> - Step 1 J - <u>Cybersecurity Basics Badge</u> Steps 1,2,5 C- <u>Cybersecurity Basics Badge</u> -

Booth	Partner Name	Activity Description	Badge Connections
			Step 1 S - Cybersecurity Basics Badge -Step 3 A- Cybersecurity Basics Badge - Step 5
55	Ballard Marine Construction	Build a bridge together with others	D- Craft and Tinker Badge -Step 1,2 B- Craft and Tinker Badge - Step 1 -4 J- Craft and Tinker Badge - Step 2 - 4 D- Create and Innovate Badge - Steps 1,3 B- Create and Innovate Badge - Steps 1,5 J - Create and Innovate Badge - Step 2
56	Oregon Department of Emergency Management and Department of Geology and Mineral Industries	Learn how to prepare for an emergency.	B - First Aid Badge - Step 1 J - First Aid Badge Steps 1,2 C- First Aid Badge - Step 3 A - First Aid Badge - Step 1
57	Oregon Department of Agriculture - Insect Pest Prevention & Management	Explore the world of insects.	B- Bugs Badge - Steps 1-3, 5
58	Tualatin Acupuncture & Integrative Medicine	Learn about the nervous system and human body	All levels - STEM Career Exploration Badge

Booth	Partner Name	Activity Description	Badge Connections
59	GSOSW Fund Development	Learn about needs versus wants and the importance of budgeting.	D - My Money Choices - All Steps B - My Own Budget - All Steps J - Budget Maker - All Steps
60	Marion Soil and Water Conservation District	Discover the signs of nature and how to identify different animals.	All Levels - Seeking Sasquatch patch - Steps 2, 3 D- Animal Observer Badge -Step 1 B- Bugs Badge - Steps 3,4,5 J - Animal Habitats Badge - Step 1
61	Oregon Department of Fish and Wildlife: Aquatic Invasive Species Team	Learn about fishing and underwater creatures.	D- Animal Observer Badge -Step 1 J - Animal Habitats Badge - Step 1 S - Voice for Animals - Step 5
62	Service Unit 28	Learn about density with fun games.	B - Home Scientist Badge - Step 3
63	Salem Health Community Health Education Center	Explore how bodies move.	D- Fun with Movement Badge - Step 3 B- Me Time Badge - Steps 2,5 J- Uniquely Us Badge - Step 1
64	Elakha Alliance	Explore Sea Otters and learn about the important role they play in the environment.	All Levels - Seeking Sasquatch patch - Steps 2,3 D- Animal Observer Badge - Step 1 J - Animal Habitats Badge - Step 1 S - Voice for Animals - Step 5
65	Kidlit & STEAM / Girl Scout troop 20229	Get creative with outdoor art and nature journaling.	B- Outdoor Adventurer - Step 2 B- Outdoor Art Creator - Step 2, J- Outdoor Art Explorer -Step 1, 2 C- Outdoor Art Apprentice - Step 1, 2, 4 S- Outdoor Art Expert - Step 1, 2 A - Outdoor Art Master - Step 1, 2

Booth	Partner Name	Activity Description	Badge Connections
66	South Santiam Watershed Council	Learn about native wildlife.	All Levels - Seeking Sasquatch patch - Steps 2,3 D- Animal Observer Badge - Steps 1,3 B- Bugs Badge - Steps 3,5 J - Animal Habitats Badge - Steps 1,2
67	The 2nd Drawer Down	Discover the Science of Sewing	All Levels - Science of Sewing patch D - Art and Design Badge - Step 1,2 B - Art and Design Badge - Step 1,2 J - Art and Design Badge - Step 1-3
68	Oregon State University Department of Fisheries, Wildlife, and Conservation Sciences	Learn about animals and how to protect them.	All Levels - Seeking Sasquatch patch - Steps 2,3 D- Animal Observer Badge - Steps 1,3 B- Bugs Badge - Steps 3,5 J - Animal Habitats Badge - Steps 1,2
69	David Evans and Associates, Inc.	Design and build structures and test their load capability.	D- Craft and Tinker Badge -Step 1, 2 B- Craft and Tinker Badge - Step 1-4 J- Craft and Tinker Badge - Step 2 D- Create and Innovate Badge - Steps 1,3 B- Create and Innovate Badge - Steps 1,5 J - Create and Innovate Badge - Step 2

Booth	Partner Name	Activity Description	Badge Connections
70	The Oregon Garden	Learn about compost and create a compost craft using recycled materials.	D- Animal Observer Badge - Steps 1,3 B- Bugs Badge - Steps 3,5 J - Animal Habitats Badge - Steps 1,2
71	Oregon State University: College of Engineering	Explore engineering with hands-on activities.	D - Art and Design Badge - Step 1 B - Art and Design Badge - Step 1 J - Art and Design Badge - Step 1
72	League of Women Voters of Oregon	Explore the power of civic action with an interactive voting experience.	B - Democracy for - Steps 1,2 J - Democracy for - Steps 1,2 C - Democracy for - Steps 1,2 A - Democracy for - Steps 1,2 S - Democracy for - Steps 1,2 C- Finding Common Ground - Step 2 S - Behind the Ballot - Step 2, 3 C, S, A - Civic Leadership Challenge - Step 4
73	Oregon Dairy Women	Make a smoothie with the power of a bicycle and learn about life on the farm.	All Levels - Oregon Dairy patch
No Booth	Caesar the No Drama Llama	Meet Caesar the No Drama Llama as he explores STEM Day.	D- Animal Observer Badge - Steps 1,3

Please note: STEM Day booths are subject to change. If a booth number is missing, it means that the Program Partner is no longer able to attend and has been removed from the list and map. The badge step may be different from what is listed in the Badge booklet. As long as you meet the step's goal, the step is complete.