

Girl Scouts may earn this patch throughout the year by completing the required amount of activities for their grade level.

Daisy – 10
Brownie – 15
Junior – 20
Cadette – 25
Senior 25
Ambassador – 25



- 1. Make a bottle rocket
- 2. Build a bridge out of popsicle sticks
- 3. Sketch a robot prototype design
- 4. Play a board game
- 5. Discover forces in motion on an amusement park ride (YouTube videos)
- 6. Build a sandcastle
- 7. Research three new facts about an animal
- 8. Create digital artwork
- 9. Spot a rainbow
- 10. Extract DNA from fruit
- 11. Make bubbles
- 12. Play a card game
- 13. Design your own meme
- 14. Build a fort out of household items
- 15. Make slime
- 16. Go stargazing
- 17. Learn words in a different language
- 18. Create a piece of jewelry
- 19. Research an invention that you use commonly
- 20. Attend a virtual STEM festival
- 21. Make a body tracing on a large sheet of paper and label different parts of the body
- 22. Make a colorful campfire
- 23. Try out coding (free activities online)
- 24. Do a fun science experiment
- 25. Make rock candy
- 26. Learn how to determine your distance from a lightning strike during a storm
- 27. Make a Rube Goldberg machine
- 28. Play I Spy with a fellow Girl Scout or a family member
- 29. Attend a virtual Girl Scouts STEM Program
- 30. Make your own stethoscope
- 31. Use balloons to create static electricity
- 32. Become a master of disguise
- 33. Play a Girl Scouts-friendly video game
- 34. Watch a meteor shower
- 35. Celebrate Pi Day on March 14th
- 36. Create a DIY periscope
- 37. Make your own juice creation
- 38. Make s'mores in a solar oven
- 39. Use AI to find the answer to a question
- 40. Record a short film
- 41. Make paper airplanes and race
- 42. Discover what makes your fingerprints unique
- 43. Track a hurricane's path
- 44. Visit a local STEM attraction virtually
- 45. Learn about the planets in our solar system
- 46. Complete a jigsaw puzzle
- 47. Make a binary code bracelet or other binary code craft
- 48. Write an algorithm to help you complete an everyday task
- 49. Build a bird house
- 50. Celebrate National Engineers Week in February
- 51. Make a model car
- 52. Go on a search for fossils
- 53. Perform the egg drop engineering challenge
- 54. Take a survey of your family members' favorite invention ever created
- 55. Look at the night sky through a telescope
- 56. Bake a yummy treat
- 57. Design an obstacle course
- 58. Read the weather forecast for your local area
- 59. Learn simple origami techniques and try them out
- 60. Learn about different blood types
- 61. Learn about different constellations and look for them in the sky
- 62. Make an all-natural skincare product using commonly found household items

Contact the Council Shop to order your patches at customercare@citrus-gs.org. Patches are \$3.00 each. For questions about this challenge please contact customercare@citrus-gs.org.