



Girl Scouts - North Carolina Coastal Pines
6901 Pinecrest Road
Raleigh, NC 27613
(919) 782-3021, (800) 284-4475
www.nccoastalpines.org



Adventures in Research



For: Girl Scout Brownies, Juniors, Cadettes, Seniors, and Ambassadors

Cost: \$1.50

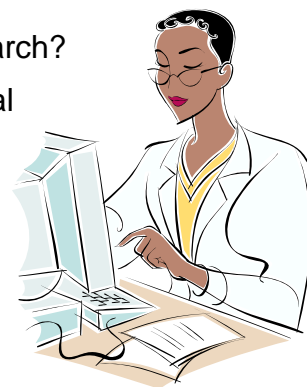
Purpose: Designed for Girl Scouts to learn about the importance of research and science in relation not only to careers but daily life

Requirements: Girl Scout Brownies complete five (5) requirements
Girl Scout Juniors complete seven (7) requirements
Girl Scout Cadettes, Seniors, and Ambassadors complete eight (8) requirements.



Activities

1. **Science Fair:** Complete a School Science Fair Project and share your poster and project with your Girl Scout troop.
2. **Guest Speaker:** Invite a researcher to your troop meeting and interview him/her using the following six questions and two additional questions of your own:
 - a. How did you become interested in research?
 - b. What is your main area of research or study?
 - c. How do you come up with research ideas?
 - d. How do you find research subjects?
 - e. Can you tell us about your research lab?
 - f. Can you tell us two things that you learned through your research?
3. **Participate:** Volunteer to participate in a research study at a local university.
4. **Lab Work:** Visit a researcher's lab and draw a schematic picture of the lab and the equipment and materials in that lab.
5. **Working Women:** Write a one-page paper on a woman scientist or inventor (either based on a Web site or other available materials).
6. **Steps to Success:** Make a poster showing the main steps involved in conducting a research project. (This information is readily available from School Science Fair Project information handed out in school or available on the Web.)
7. **Do Your Research:** Develop and conduct a "research project" during a troop meeting that involves the girls in your troop. Three possible research projects are given below:
 - a. Develop a survey to learn about family characteristics (size, members, ages), girls activities (types of activities, number of activities per month), and/or girls' career interests (types of work or study that girls are interested in, types of work or study that girls are not interested in, how girls would like to prepare for careers).
 - b. Study physical fitness abilities of girls and parents in your troop; for example, how many sit-ups, push-ups, etc. can each person complete in 2 minutes.
 - c. Study the popularity of cookies sold in your troop; for example, what types of cookies were most popular and did that vary across girls?
8. **Read All About It:** Read and summarize a newspaper or magazine article on a research study.
9. **Exhibit Explanations:** Visit a museum and describe one of the exhibits to a leader or another adult.
10. **Imagine This:** Imagine that you are a researcher and that you are setting up your own research project. Write up a research plan and share it with a leader or another adult.
11. **Consent to It:** When studies involve human subjects, "informed consent" is very important. Learn about "informed research consent" and describe informed consent to a leader or another adult.



Patch Order Form

ADVENTURES IN RESEARCH
A Girl Scout Patch Program

Please send me _____ of the "Adventures in Research" patches.

Troop # _____ Grade Level _____

Total # of patches _____ x \$1.50 = _____

NC Sales Tax (6.75% of subtotal) = _____

Shipping and Handling = _____

(see chart below)

Total Amount Enclosed = _____

Patches are available at the Fayetteville, Goldsboro, and Raleigh Council Shops. Mail and phone orders are also accepted. For Mail Orders, send order form with check to:

Girl Scouts - North Carolina Coastal Pines
6901 Pinecrest Road
Raleigh, NC 27613
Attn: Council Shop

Make checks payable to: Girl Scouts – North Carolina Coastal Pines

Mail patches to:

Name: _____

Address: _____

_____ Zip _____

Phone: (H) _____ (W) _____



Shipping & Handling Charges

Purchase Amount	Shipping Charge	Purchase Amount	Shipping Charge
Up to \$25.00	\$ 5.95	\$100.01 to \$200.00	\$ 14.95
\$25.01 to \$50.00	\$ 7.95	\$200.01 to \$300.00	\$ 20.95
\$50.01 to \$75.00	\$ 9.95	\$300.01 to \$500.00	\$ 25.95
\$75.01 to \$100.00	\$ 11.95	Over \$500.00	\$ 45.95

