

Girl Scouts – North Carolina Coastal Pines
6901 Pinecrest Road
Raleigh, NC 27613

AMPHIBIANS AND REPTILES PATCH PROGRAM



**This patch program was a Girl Scout Silver Award project done by
Jenny Palmer, Troop #1234**

Amphibians and Reptiles Patch Program

I. Girl Scout Daisies and Brownies

*Amphibians and Reptiles (Complete 4 or more from this section including the one with an *)*

*What is an Amphibian? What is a Reptile? Find out what characteristics make an animal an amphibian or a reptile. What are the differences between the two? Name three examples of each.

What is herpetology? Find out what a herpetologist does.

Draw or color a picture of your favorite amphibian or reptile that is native to the Carolinas.

Learn about the life cycle of a frog or salamander.

Play two games based on amphibians or reptiles. (See appendix/leaders box for examples.)

Make a reptile or amphibian themed craft.

Read or have read to you a book about amphibians or reptiles. Share three interesting facts you learned with your troop or family.

With your troop or family, attend a local event or presentation about reptiles and/or amphibians.

Water Quality (Complete 1 or more from this section)

Discover the relationship between water quality and amphibians.

Brainstorm causes of poor water quality and ways your family can prevent it. See how many you can do.

Participate in a shoreline clean-up event in your area with your troop or family. (Be sure to follow *Safety-Wise*) (i.e. Big Sweep, etc.) or attend a class related to water quality.

II. Girl Scout Juniors

*Amphibians and Reptiles (Complete 6 or more from this section including the one with an *)*

*What is an Amphibian? What is a Reptile? Find out what characteristics make an animal an amphibian or a reptile. Name three examples of each. Make a Venn diagram or play a game illustrating the similarities and differences between amphibians and reptiles. (See appendix/leaders box for ideas.)

What is herpetology? Find out what a herpetologist does.

Learn about the anatomy of a specific amphibian or reptile species. Color and label a diagram.

Choose a specific amphibian or reptile family (i.e. frogs, salamanders, turtles, snakes, etc.) and research which ones call the Carolinas home. Are any of them endangered?

Choose a species of amphibian or reptile native to the Carolinas and answer the following questions:

Habitat – Where does your animal live? What happens to them in the winter?

Food – What does your animal eat? How do they catch it? How do they eat their food?

Learn about the life cycle of a frog or salamander. Draw or color a picture of one.

Play two games based on amphibians and/or reptiles OR create a board game to teach a younger troop about amphibians and reptiles. (See appendix/leader box for examples.)

Make two reptile or amphibian themed craft.

Read a book about amphibians or reptiles. Share the name of the book, author and what you learned with your troop or family.

Create a word search or crossword puzzle based on amphibian and/or reptile related words. Share it with your troop or family. OR Create a Haiku or poem based on your favorite amphibian or reptile.

Attend or host your own amphibian and/or reptile event.

Be a friend to tree frogs and toads. Build them a tree frog or toad house using instructions included in the appendix.

Some types of amphibians and reptiles look very similar. Here are some examples, frogs/toads, salamanders/lizards, and alligators/crocodiles. Choose one pair and learn what the differences are.

Water Quality (Complete 2 or more from this section)

Describe the relationship between water quality and amphibians.

Brainstorm causes of poor water quality and ways your family can prevent it. See how many you can do.

Test the water quality of a local lake, stream, or creek.

Participate in a shoreline clean-up event in your area with your troop or family. (Be sure to follow *Safety-Wise*) (i.e. Big Sweep, etc.) or attend a class related to water quality.

Make a poster or display that teaches the community about the importance of water quality and its impact on reptiles and amphibians. Display it in your community.

III. Girl Scout Cadettes, Seniors, and Ambassadors

*Amphibians and Reptiles (Girl Scout Cadettes/Seniors - complete 8 or more from this section including the one with the *. Girl Scout Ambassadors - complete 10 including the ones with * and **)*

*What is an Amphibian? What is a Reptile? Find out what characteristics make an animal an amphibian or a reptile. Name three examples of each. What are the differences between the two? Make a Venn diagram or play a game illustrating the similarities and differences between the two. (See appendix/ leader box for ideas.)

What is a herpetologist? Find out what a herpetologist does. If possible, interview a herpetologist and find out what training is required and what their work is like. Learn about colleges/universities in the Carolinas that offer herpetology programs.

Learn about the anatomy of a specific amphibian or reptile species. Color and label a diagram.

Learn about the life cycle of a frog and a salamander. Make a poster or display showing the two cycles and how they are similar and different.

Choose a specific amphibian or reptile family (i.e. frogs, salamanders, turtles, snakes, etc.) and research which ones call the Carolinas home. Are any of them threatened or endangered? If so, why? What is being done to help them?

Choose a species of amphibian or reptile native to the Carolinas and answer the following questions:

Habitat – Where does your animal live? What happens to them in the winter? How is their habitat threatened?

Food – What does your animal eat? How do they catch it? How do they eat their food?

Create a board game to teach a younger troop about amphibians and reptiles. (See appendix/leader box for examples.)

Make two reptile and/or amphibian themed crafts AND Play 2 games based on amphibians and/or reptiles.

Read a book about amphibians or reptiles. Share what you learned with your troop or family by writing a summary or by creating a collage, poster or brochure with information you learned.

Create a word search or crossword puzzle based on amphibian and/or reptile related words. Share it with your troop or family. OR Create a Haiku or poem based on your favorite amphibian or reptile. Share it with a younger troop or your community.

Volunteer at or host your own amphibian and/or reptile event. Write about what you did.

Be a friend to tree frogs and toads. Build them a tree frog or toad house using the instructions included in the appendix.

Some types of amphibians and reptiles look very similar. Here are some examples, frogs/toads, salamanders/lizards, and alligators/crocodiles. Choose one pair and learn what the similarities and differences are.

**Assist a younger troop in earning this patch program.

Water Quality (Complete 2 or more from this section including the one with a *)

Describe the relationship between water quality and amphibians.

Brainstorm causes of poor water quality and ways your family can prevent it. Pick some of these and try them for one month.

Test the water quality of a local lake, stream, or creek.

Participate in a shoreline clean-up event in your area with your troop or family. (Be sure to follow *Safety-Wise*) (i.e. Big Sweep, etc.)

Participate in a community storm-drain stenciling project.

*Make a poster or display that teaches the community about the importance of water quality and its impact on reptiles and amphibians. Display it in your community.

Patch Order Form

AMPHIBIANS AND REPTILES A Girl Scout Patch Program



Please send me _____ of the "Amphibians and Reptiles" patches.

Troop # _____ Grade Level _____

Total # of Patches _____ x \$2.00 = _____

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

AMPHIBIANS AND REPTILES PROGRAM EVALUATION

Please have each girl who worked on this patch program complete this evaluation form. Your comments are an invaluable to Girl Scouts - North Carolina Coastal Pines. Thank you for taking the time to fill out this form.

<p>Tell us About You: Please place a check next to which best describes your nationality:</p> <p> <input type="checkbox"/> African-American <input type="checkbox"/> White <input type="checkbox"/> American Indian or Alaskan native <input type="checkbox"/> Other <input type="checkbox"/> Asian or Pacific Islander <input type="checkbox"/> Hispanic; (regardless of race) </p>	<p>Place the number of girls and adults who worked on this patch program on the appropriate line:</p> <p> <input type="checkbox"/> Daisy <input type="checkbox"/> Brownie <input type="checkbox"/> Junior <input type="checkbox"/> Cadette <input type="checkbox"/> Senior <input type="checkbox"/> Ambassador <input type="checkbox"/> Adult </p>
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Tell us about the patch program:

Please check the response that best describes what you think.

	Strongly Agree	Agree	Uncertain	Disagree	Strongly Disagree
The topic and activities in this patch program were interesting to me:					
The activities in this patch program made me think about things I never thought about before:					
The patch program helped me better understand about the amphibians and reptiles and their needs:					

What else do you think?

Please complete the following questions.

What did you really like about this patch program? _____

What did you not like about this patch program? _____

What could be added or changed to make this patch program better? _____

Other comments? _____

Please return to the Raleigh Service Center, Attn: Program Department,
6901 Pinecrest Road, Raleigh, NC 27613