



North Carolina Lighthouses:

A Girl Scout
Patch Program
For
Girl Scout Brownies, Juniors, Cadettes, Seniors, and
Ambassadors

North Carolina Lighthouses



Over a hundred years ago, ships traveling along the North Carolina coast encountered dangerous shoals and storms. Hundreds of shipwrecks occurred due to the dangers of this area. The North Carolina lighthouses helped the mariners navigate the area known as the "*Graveyard of the Atlantic*". Today, the ships traveling the coast use modern tools, however, the lighthouses continue to operate as a reminder of the hardships encountered by our ancestors to help settle the country. The North Carolina lighthouses stand as pieces of our past. The purpose of this patch program is to educate Girl Scouts about lighthouse history and the preservation efforts to maintain them.

Activities:

Girl Scout Brownies must complete any of the 4 activities to earn this patch.

Girl Scout Juniors must complete any of the 6 activities to earn this patch.

Girl Scout Cadettes, Seniors, and Ambassadors must complete 2 skill builder activities, 1 technology activity, 1 career exploration activity, 1 service project, and 2 activities from any of the categories.

To complete these activities write down the answers on a separate sheet of paper.

Skill Builders

- 1.** Name all of the North Carolina lighthouses and locate them on a map.
- 2.** Learn the following:
 - a.** Which was the tallest lighthouse in the U.S.?
 - b.** Which is the oldest lighthouse in NC?
 - c.** Which lighthouse is made from cement with the colors mixed in and is not painted?
 - d.** Which light stations sit off shore?
 - e.** Which lighthouse warns ships of the area known as the “graveyard of the Atlantic”?
 - f.** Which lighthouse replaced one destroyed during the Civil War?
 - g.** Which is the last manually operated lighthouse in the world?
- 3.** Learn about the first known lighthouse, one of the Seven Wonders of the World.
- 4.** What was the first lighthouse built in the United States? When was it built?
- 5.** How did sailors distinguish one lighthouse from another at night?
- 6.** Learn 5 lighthouse terms. List them here:
- 7.** What is the difference between a lighthouse and a light station?
- 8.** What is the difference between a lighthouse and lightship?
- 9.** List at least three other states that have lighthouses and learn about a lighthouse in that state.
- 10.** Visit a lighthouse.
- 11.** Find out about the American Lighthouse Foundation or the United States Lighthouse Society. Learn about what they do and their preservation efforts.
- 12.** Research the National Historic Lighthouse Preservation Act of 2000. What does it entail?
- 13.** Read a story about lighthouses.

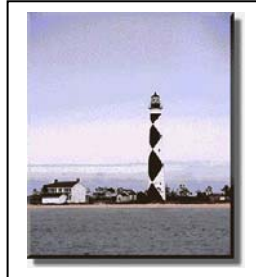
Technology – Search the Internet

1. Look at pictures of lighthouses then design your own lighthouse: make a model of it or draw your lighthouse and paint it.
2. Find out about the different lenses used in lighthouses and how they work.
3. Identify each of the following lighthouses: (write their names below the image)

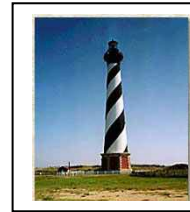
a.



b.



c.



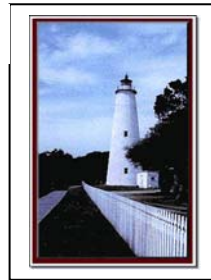
d.



e.



f.



g.



- a. Photography © Bruce Roberts - Outer Banks Lighthouse Society
- b. Photography © Gary & Debbie Presley
- c. Cape Hatteras National Seashore
- d. Photography © Bruce Roberts - Outer Banks Lighthouse Society
- e. Copyright © 1998 G. L. Marler and J. A. Marler
- f. Photography © J.B. Ruffin
- g. Copyright © 1998 G. L. Marler and J. A. Marler

4. Learn why lighthouses are painted differently. Write the answer here:

Service Projects

1. Share what you have learned about lighthouses past and present with another troop.
2. Learn about the Outer Banks Lighthouse Society, the American Lighthouse Foundation, or the United States Lighthouse Society. Make a display about what they do and their preservation efforts for your school or local library.
3. Take part in a program that helps to reduce shore erosion.
4. Contact the lighthouse that you are interested in and ask them what type of service is needed.
5. Contact the Outer Banks Lighthouse Society and volunteer to help; if you can't visit, learn about remote volunteer opportunities.

Career Exploration

1. Learn about a female lighthouse keeper from the past or interview one who currently holds the job.
2. Learn about the duties of the lighthouse keeper. List them here:
3. What are other Maritime careers?
4. Locate on a map at least one Maritime Academy in the United States. What are the requirements for admission? For what types of careers do the schools prepare you?
5. List possible careers in the Coast Guard. What jobs exist that relate to maintaining lighthouses and light stations?
6. Research the National Park Service. List 3 possible National Park Service jobs that interest you.

Resources

Web sites:

http://www.uscg.mil/hq/g-cp/history/WEBLIGHTHOUSES/lighthouse_curriculum.html
<http://www.cr.nps.gov/maritime/light/faq.htm>
<http://www.cr.nps.gov/maritime/ltshipmain.htm>
<http://www.lighthousefriends.com/links.html>
<http://www.lighthousefriends.com/pull-state.asp?state=NC>
<http://www.cr.nps.gov/maritime/keep/keep19th.htm>
http://www.lehsd.k12.nj.us/VirtualCom/mathtrails/ziemba/women_lighthouse.htm
<http://www.seathelights.com/nhlpa.html>
<http://www.uscg.mil/hq/recruit/recruit.htm>
<http://www.nps.gov/training/carfield.htm>
<http://www.maritimejobs.com>
<http://www.hal-pc.org/~nugent/school.html>
<http://www.lighthousefoundation.org>
<http://www.uslhs.org>
<http://www.outer-banks.com/lighthouse-society>
<http://www.unc.edu/~rowlett/lighthouse/nc.htm>
<http://www.unc.edu/~rowlett/lighthouse/nc.htm>

Books

Corley, Cindy, *Exploring the Lighthouses of North Carolina*, The Provincial Press, Chapel Hill, NC 1982

Stick, David, *North Carolina Lighthouses*, North Carolina Division of Archives and History, 1980

Zepke, Terrance, *Lighthouses of the Carolinas*, Pineapple Press, Sarasota, FL 1998

NORTH CAROLINA LIGHTHOUSES: PATCH ORDER FORM

Please send me _____ of the "North Carolina Lighthouses" 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