



# Education & Outreach Program

## Girl Scout Program

Come visit the Lake Pontchartrain Basin Foundation (LPBF) at the New Canal Lighthouse Museum and Education Center on Lakeshore Drive in New Orleans, and earn your LPBF Leadership badge! Girl Scouts are invited to tour our lighthouse museum and explore the history of the New Canal Lighthouse while learning about our five women keepers of the light. Learn about the Lake Pontchartrain watershed and water quality of the lake through hands-on activities and water sampling. Discover the importance of saving our coast by creating a bead bracelet that represents our multiple lines of defense against hurricanes and storms.



There are 5 program requirements to earn the badge:

- Leadership – Learn about the 5 female light keepers of New Canal Lighthouse.
- Save Our Lake – How did LPBF restore the lake to good health?
- Save Our Coast – What are the multiple lines of defense against hurricanes and storms?
- Museum Tour – Tour the New Canal Lighthouse museum.
- Service – Attend one of our clean-up events or host your own clean-up event.





### History of the New Canal Lighthouse (Leadership):

- Five Lives in the Light – Take part in a play about the five female keepers of the New Canal Lighthouse from 1837 to 1932. (*juniors and cadettes*)
- A Day in the Life of a Keeper – Take part in a role play about a typical day as a lighthouse keeper (*daisies and brownies*)
- Tour of the New Canal Lighthouse museum (*daisies through cadettes*)

### Water Quality (Save Our Lake):

- The Story of the Lake – Take part in a role play about LPBF and its role in returning the lake to health. (*daisies through juniors*)
- Discuss water quality of the lake and create a watershed model. (*brownies through cadettes*)
- Carry out water quality tests at the New Canal Lighthouse or at the urban marsh at Bayou St. John. (*juniors and cadettes*)
- Do macroinvertebrate studies at Bayou St. John. (*brownies and cadettes*)

### Coastal Issues (Save Our Coast):

- Discuss the multiple lines of defense against storms and act them out. (*daisies through juniors*)
- Identify and discuss several of the lines of defense around the lakefront. (*daisies through cadettes*)
- Create bead bracelets representing the multiple lines of defense. (*daisies through cadettes*)
- Create a wetland in a pan; take part in a wetlands metaphors activity. (*daisies through juniors*)
- Take part in restoration plantings. (*daisies through cadettes*)

