



GIRL SCOUTS OF NORTHERN CALIFORNIA

IN THE BAY

A GS NORCAL COUNCIL'S OWN BADGE PROGRAM

IN THE BAY BADGE

TO ENCOURAGE AND INSPIRE GIRLS TO EXPLORE
THE WORLD OF SAN FRANCISCO BAY.



PURPOSE

Fish that live in the San Francisco Bay have adaptations (special body parts) that help them live in their watery world. Explore why fish are unique with this Badge!

REQUIREMENTS

Complete 4 of the following activities.

All members of Girl Scouts of the USA are eligible to earn the In the Bay Badge.

The In the Bay Badge is an official award and should be worn on the front of the vest or sash.

ORDER INFORMATION

To order the In the Bay Badge, please visit www.girlscoutsnorcal.org and purchase the items online. Please note that shipping and handling will be added to all online orders.

Members of Girl Scouts of Northern California will not be charged for shipping and handling if they use the GS NorCal Council's Own Order Form and have badges shipped to the closest GS NorCal store in their area for members to pick up.

ORDER PATCHES ONLINE AT WWW.GIRLSCOUTSNORCAL.ORG
FOR FURTHER INFORMATION ON PATCH PROGRAMS CONTACT PATCHES@GIRLSCOUTSNORCAL.ORG

IN THE BAY BADGE FOR BROWNIE GIRL SCOUTS

Complete 4 of the following activities.

1. A FISH IS A FISH

Fish have many different body parts from us that help them live in the water. Make a list of the things that a fish has on its body that we don't. Next, see if you can find some items to help you dress like a fish! Can you give yourself some fins, scales, and a tail!

2. FISH FOOD

The mouth shapes of different fish can show you how or what they might eat. Collect household items that represent different mouths such as: a turkey baster or an eye dropper for a long, skinny mouth, tweezers for a tiny mouth, salad tongs for a large mouth, and a hair clip for a toothed mouth. Fill a shallow bucket or a pan with water. Add different items to represent food. A ping pong ball might be a fish, parsley flakes could be plankton and shelled peanuts could represent clams. Use the items to determine which "mouth" works best with which "food."

3. FISH JUMBLE

Collect pictures of different fish that live in the Bay. From each picture, pick one adaptation of your choice: a body shape, a mouth, an eye shape, a tail fin, dorsal fins (on the top of the fish) and pectoral fins (on the side of the fish). Using the features you chose, draw a new fish. Share your drawing with a friend and tell them why your fish would live in the San Francisco Bay.

4. WHAT SWIMS IN THE BAY?

Visit an Aquarium, such as Aquarium of the Bay, which has fishes from the San Francisco Bay. Draw pictures of the different fish that you see. Are they different colors, shapes and sizes? Do some live at the bottom and others at the top? Why do you think this is?

5. DIRTY WATER ... YUCK!

Find a small bucket or dishpan and fill it with water. Place a plastic or rubber animal in the water to represent the animals that live in the Bay. Add a few drops of different liquids (dish soap, food coloring, vegetable oil, coffee, etc.) to demonstrate what happens when pollution and trash enters the San Francisco Bay. Do you think a fish would like to live in this water ?

6. FABULOUS FISH

Use your creativity to perform a skit, sing a song or tell a story about how adaptations help fish live in their watery world ?

ORDER PATCHES ONLINE AT WWW.GIRLSCOUTSNORCAL.ORG
FOR FURTHER INFORMATION ON PATCH PROGRAMS CONTACT PATCHES@GIRLSCOUTSNORCAL.ORG