

H2O Ocean

All Grade Level Patch



A resource booklet is available at www.gscb.org to assist with completing this patch.

Daisies/Brownies/Juniors

Complete any four requirements.

1. Read a book or watch a movie about an animal from the ocean. What did you learn about that animal? What ocean does it live in? What does it eat? How does it interact with humans?
2. Do 'Oceans All Around Us' activity located on page 4 of the H2O Ocean Resource Book.
3. Visit an aquarium—look for creatures that have certain shapes: a circle, a square, a triangle etc. Can you also find creatures that are blue? Red? Yellow? Green? White? Black?
4. Find five ways that you can help save (conserve) water. Practice one of them in your household today!
5. Play sea animal charades. Have others guess the animals by recognizing their behavior. You could be a fish, turtle, crab, seal, octopus or shark!
6. Learn about manatees. Where do they live? What endangers them? Color the picture located on page 6 of the H2O Wetlands Resource Book and tell three people about the manatee.
7. Draw a picture of your favorite ocean animal. Find out what it eats.
8. Visit the ocean. What color is the sand? How does the air smell? Do you see any evidence of plant or animal life on the beach? If so, what kinds?

Cadette/Seniors/Ambassadors

Read *The Physical Ocean* located on page 1 of the H2O Ocean Resource Book then complete any five requirements.

1. Visit a car wash or restaurant (large consumer of water). Find out what methods are used to conserve. How many gallons of water are used each day. Month? Year? Are there restrictions placed on water usage?
2. Visit an aquarium and do a scavenger hunt located on page 8 of the H2O Ocean Resource Book.
3. Visit the Sea Turtle Survival League web pages at www.conserveturtles.org. Find out the dangers to sea turtles and find out what you can do. Answer the questions located on page 7 of the H2O Ocean Resource Book. Look at the Sea Turtle Migration Tracking program to watch a turtle and where it travels!
4. Do the activity 'Plastic in the Sea' located on page 9 of the H2O Ocean Resource Book.
5. Complete the word search 'Questions and Clues' located on page 11 of the H2O Ocean Resource Book.
6. Find out the ocean's current temperature. How much does it change throughout the year? Find out how the temperature change affects animals in the ocean.
7. Find out about Sylvia Earle, a US aquanaut. What did she study? What did she do that was significant? How did she become an aquanaut?
8. Learn about El Nino and its affect on the ocean and its life. How do they adapt? How often does an El Nino occur?
9. Participate in a beach clean-up. Be sure to take safety precautions! Wear gloves, carry a trash bag, etc. Don't pick up needles, glass or anything else that could cut you. Have an adult pick up those items.
10. Work with a group of younger girls to teach them about the dangers to the ocean, including pollution and overfishing. Sing a song, make posters and read them a story. Have them play sea animal charades!
11. Visit the ocean. Look for signs of plant life or animal life. How many did you find?
12. The Florida Manatee is an endangered species (i.e.—it is in danger of becoming extinct.) What is causing them to be endangered? What can you do to help? Do one thing to help save the Florida manatee! Make a poster to put up at the library, teach younger girls about manatees or write a letter to government official.

