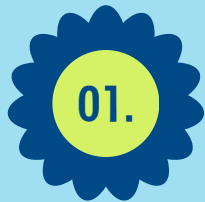


OCEAN DISCOVERY – CADETTE+ LEVEL

GSCSNJ PATCH PROGRAM

Purpose: By completing this patch program, Older Girl Scouts will dive deeper into the world of marine science — learning about ocean ecosystems, pollution, and conservation, while exploring exciting careers that help protect our planet.

To earn this Patch, complete 6 activities, including the starred activity that is required.



★ Take a trip to your local library or, with adult supervision, research online using sources such as NOAA, National Geographic, or Wonderopolis. Answer the following: What is a marine animal? What types of environments do they live in?



Choose two marine animals that fascinate you. Find fun facts about each — what they eat, their scientific names, where they live, and how they interact with their environment. Share what you learn with your troop, family, or community.



List two marine animals that are classified as endangered. Research and write down why they are endangered and what efforts are being made to protect them.



Research what pollutants are currently harming our oceans and beaches. Find out what's being done to remove or reduce pollution and one main pollutant and what you can do to prevent it from harming marine life.



Explore how technology has changed the way we study and explore the ocean over the last 50 years. List two of the most fascinating ocean exploration technologies used today. (Examples: underwater drones, deep-sea submersibles, or sonar mapping.)



Research how satellites help us understand the ocean. Learn what a Geostationary Satellite does and find one cool fact about how satellites map or monitor ocean conditions.

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Learn what the Center for Operational Oceanographic Products and Services (CO-OPS) manages — including tides, currents, and sea level data. Explain why this information is important to scientists and coastal communities.



Attend a Girl Scout Destination focused on marine animals (for example: SeaWorld Adventure Camp) or enroll in a marine science class offered by a local aquarium or zoo. Write down what you did and what you learned to remember your experience.



Research two women who have made an impact in marine biology, oceanography, or wildlife conservation. Learn what they do, how their work contributes to ocean protection, and what a typical day looks like for them.



Visit an aquarium or zoo (such as the Camden Adventure Aquarium, The Wetlands Institute, or the Atlantic City Aquarium) to enhance your marine knowledge. List three careers found there.



Participate in a project that supports marine or coastal environments. Ideas include joining a dune grass planting or beach cleanup, partnering with a local conservation group to raise awareness, or expanding a community project that protects wildlife or waterways.

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Reflection: Think about your ocean journey.
How has your view of the ocean changed?
What role might you play in marine
conservation or science in the future? How
can you encourage others to care for our
blue planet?



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An associate will call to confirm shipping
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