



Self-Guided Scavenger Hunts at Adventure Aquarium

Ninth, Tenth, Eleventh and Twelfth Grade: Aquarium Careers

Adventure Aquarium is filled with opportunities for guests of all ages to have fun and become more aware of aquatic natural habitats and the animals that thrive there. Adventure Aquarium can also be a bit overwhelming for excited students. Our grade appropriate Scavenger Hunts will assist teachers in focusing their student's enthusiasm by slowing them down and helping them experience each exhibit and animal more thoroughly. Use this scavenger hunt on your self-guided tour through Adventure Aquarium.

The scavenger hunt offers questions to students that encourage creative thinking and careful observation to answer. Students are encouraged to use graphic panels and animal identification placards to supplement their responses.

Please print out this scavenger hunt and make copies prior to your visit to the aquarium. Supply your students with a pencil and let them explore. Completed scavenger hunts, correctly answered or not, provide great opportunities for post-visit activities.

Enjoy your visit to Adventure Aquarium, where there are always more new things to see and do!

**For more information, visit AdventureAquarium.com
Call 800.616.JAWS to make a group reservation**



Aquarium Careers

Have you ever wondered what it might be like to work in an aquarium? The people who work at Adventure Aquarium are committed to the animals in their care and the need for conserving wildlife. During your visit today, you will learn about several animal-related jobs. Some of these jobs require physical strength and specialized skills. Most require a college degree. All are an integral part of keeping our aquatic residents alive and healthy.

Begin your field trip with a visit to the **Ocean Today Kiosk**, located across from Irazu Falls in **Zone A**, to get the latest on the conservation efforts of the Coastal America Partnership to protect ocean habitats. Wildlife biologists are working to save and protect marine species in the USA and Canada.

Write 2 - 3 sentences about one of the projects, including who is involved, what they are doing, where they are doing their work and why.

Answers will vary depending on the project featured

Match the following aquarium jobs with the scenarios below:

- | | | | |
|-------------------|-------------------------|------------------------|---------------------------------|
| Aquarist | Exhibit Designer | Marine Educator | Animal Keeper |
| Researcher | Shark Biologist | Veterinarian | Water Quality Technician |

There is work to be done at each of the exhibits below. Your task is to go to each exhibit, carefully read what needs to happen, and then decide which of the above staff will be best for the job.

Zone A

Orinoco Crocodiles

One of the crocodiles has stopped eating. It could be a tooth infection but a thorough examination is probably needed. She may need to be put under anesthesia. Who is the best one for this job?

Veterinarian

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Ocean Realm

It's not easy maintaining a fish tank this size. From species interactions and tank cleanliness to water quality and filtration, someone needs to ensure quality control. It's like taking care of your home aquarium, only 15,200 times bigger! Who is the best one for this job? _____ **Aquarist** _____

Zone B

Stingray Beach Club

So many visitors are excited to touch the stingrays. But someone is needed to ensure the safety of the animals. And there are many visitor questions to be answered, although we also want everyone to understand the impact their actions and behaviors have on the survival of these graceful creatures. Who is the best one for this job? _____ **Marine Educator** _____

Penguin Island

The penguins are outside enjoying the pool in their exhibit. Their off-exhibit area needs to be hosed down, then afternoon diets need to be prepared. How much food they get depends on the type, size and weight of the fish available. Several penguins need their vitamins, so pills need to be hidden inside several fish. Who is the best one for this job? _____ **Animal Keeper** _____

Zone C

KidZone

Several tanks in this area contain coral, small invertebrates that make up a coral reef, one of the most important and diverse ocean habitats. Coral is extremely sensitive to water conditions. Even small changes in temperature, pH, salinity, and mineral content can affect their survival, even in captivity. Coral in one tank is dying off and staff is wondering what could be the cause and what can be done to fix the problem. Who is the best one for this job? _____ **Water Quality Technician** _____

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Keeping looking in this area and find this fish: **Banggai Cardinalfish**

This small (3 in.), endangered fish is found in a very limited area in Indonesia. Unfortunately, they are easy to catch and slow to reproduce. Some end up being sold as pets in the United States. Their numbers are dropping and there is more to learn about them to ensure their protection and survival. It may require a trip to Indonesia to observe them in the wild. Who is the best one for this job? _____ Researcher _____



Zone D

Jules Verne Gallery



A new jelly species is arriving in a few months and a tank will be added to the gallery. The aquarium wants to be sure the exhibit meets the jellies' needs, but they need to guarantee that visitors will easily see these amazing creatures as they move around. Lighting and signage also need to be decided. Who is the best one for this job? _____ Exhibit Designer _____

Shark Realm

The aquarium wants to add more shark species, but they can't just pick any species of shark and add them to the tank. The current species must be taken into consideration. Can they be housed together? Can the new species survive in captivity? Will the aquarium be able to find the proper food and care for it if there are health issues? Choosing a new species will be tricky. Who is the best one for this job? _____ Shark Biologist _____

To learn more about aquarium careers, visit www.aza.org/careers-zoos-aquariums/