

Name: \_\_\_\_\_

School: \_\_\_\_\_

### Miami Seaquarium® Scavenger Hunt

See how many of the following questions you can complete during your visit in the park today. Make sure to utilize all of the resources available to you including employees of Miami Seaquarium®, informational graphics, and the scripts from our animal shows and presentations.

1. How many species of manatee are there and what are their names?  
▲ 3, Amazonian manatee, the West Indian Manatee, and the West African manatee
2. What is the purpose of a dorsal fin?  
▲ The dorsal fin helps the animal to remain upright and balanced when swimming through the water.
3. What is the length of Lolita and how many pounds does she weight?  
▲ Over 20ft in length and she weighs over 7000 pounds
4. What is the name of the extremely large black and white spotted fish in our Reef exhibit?  
▲ Goliath Grouper
5. What is the chemical structure of limestone?  
▲  $\text{CaCO}_3$
6. Name the symbiotic algae living inside of coral.  
▲ zooxanthallae
7. True or False. Bottlenose dolphins will often cooperate to hunt and catch fish.  
▲ True
8. List two differences between seals and sea lions.  
▲ Sea lions have external ear flaps, seals do not  
▲ Sea lions use their back flippers for steering, seals use them for forward propulsion  
▲ Sea lions have large front flippers used for propulsion, seals have smaller front flippers used for steering  
▲ Harbor seals have spotted coats, California sea lions have a solid brown coat
9. How did the nurse shark get its name?  
▲ From the sucking (or nursing) sound it makes during feeding.
10. Miami Seaquarium has two types of pinnipeds. What are they?  
▲ Pacific Harbor Seals and California Sea Lions
11. Who are Juliet and Phoenix and what happened to them?  
▲ Phoenix was rescued from Port Everglades in March of 1993 after being impacted by the propellers of a boat. Due to this collision, Phoenix lost 25% of her blood volume,  $\frac{3}{4}$  of her back paddle and portions of her vertebrae were left exposed leaving her partially paralyzed.  
▲ Juliet is a femail manatee that came to Miami Seaquarium in 1958 due to a collision with a boat
12. Explain “marching molars” and what animal has them?  
▲ “Marching molars” are the new teeth growing in the back of the jaw that will move forward toward the front of the mouth after the front teeth have fallen out. You can find “marching molars” in the manatee.
13. What are the characteristics that all fish share?  
▲ Cold-blooded  
▲ Breathe with gills  
▲ Lay eggs  
▲ Swim with fins  
▲ Have scales covering body

14. There are only eight species of sea turtles left worldwide. Five of the eight rely on the state of Florida for feeding, breeding, and nesting grounds. What are the five species?

▲ Hawksbill

▲ Green

▲ Leatherback

▲ Kemps Ridley

▲ Loggerhead

15. These small dolphins prefer cold water and are often mistaken for baby Killer Whales. They are extremely athletic and can perform amazing aerial acrobatics. Can you name these dolphins?

▲ Pacific White-sided dolphins