



These activities are designed to increase your students' learning opportunities during your visit to Marineland's Dolphin Conservation Center. Answers to all of these questions can be found by reading our educational signage or by observing the dolphins.

We appreciate your support with marine education and conservation.

### **Natural History**

*Fill in the blank with the correct words.*

1. Bottlenose dolphins are found in \_\_\_\_\_ waters all over the world.
2. The length of time that an animal is pregnant is known as the \_\_\_\_\_ period.
3. Social groupings of dolphins are called \_\_\_\_\_.
4. Healthy diets are important to dolphins to form a \_\_\_\_\_. This keeps the dolphin warm in cooler waters.
5. Feeding wild dolphins is \_\_\_\_\_ safe for you or the dolphin and is illegal.

### **Dolphin Anatomy**

*Fill in the blank with the correct words.*

1. The \_\_\_\_\_ have an internal bone structure. It is similar to a human hand!
2. The rostrum serves as the receiver for returning \_\_\_\_\_ signals.
3. Dolphins breathe out of their \_\_\_\_\_.
4. The dorsal fin is made out of \_\_\_\_\_, similar to cartilage.
5. A dolphin can reach speeds of \_\_\_\_\_ mph. It can also jump up to \_\_\_\_\_ times its own body length out of the water.
6. Two areas of the dolphin's body that aide with thermoregulation are the \_\_\_\_\_ and the \_\_\_\_\_.

## Student Copy

7. The pectoral flippers are used for \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

### **Conservation Issues**

*Circle the best answer.*

1. Ways that people contribute to habitat degradation is:
  - a.) fishing gear (dragging nets)
  - b.) global warming
  - c.) both a and b
  
2. Bottom trawling is one of the most destructive fishing methods currently used. This is when nets are pulled behind a boat
  - a.) along the surface of the water
  - b.) along the floor of the ocean
  - c.) none of the above
  
3. Global warming is affecting the ocean by
  - a.) decreasing the water temperature
  - b.) maintaining the water temperature
  - c.) increasing the water temperature
  
4. Dolphins can store toxins like DDT and PCB in their
  - a.) tail flukes
  - b.) blubber layer
  - c.) pectoral flippers
  
5. Recent studies conducted at the Dolphin Conservation Center at Marineland on the hearing of our dolphins compared to that of wild dolphins suggest that dolphins not exposed to noise pollution have \_\_\_\_\_ hearing than those in the wild.
  - a.) better
  - b.) worse
  - c.) equal
  
6. It is \_\_\_\_\_ to harass or feed wild dolphins.
  - a.) okay
  - b.) illegal
  - c.) safe

### **What YOU can do!**

*List 5 changes or additions in your life that can improve the life for dolphins and other wildlife.*

- 1.
- 2.
- 3.
- 4.



**“Did you know...”**

*Answer the following questions from the signs on the railings.*

1. How many teeth do Bottlenose Dolphins have?
2. How many chambers does a Bottlenose Dolphin’s stomach have?
3. What do scientists believe is the reason that dolphin calves are born with whiskers?
4. How long is an Atlantic Bottlenose Dolphin pregnant for?
5. What is the difference between a flipper and a fin?
6. Approximately how many different kinds of dolphins are there?
7. How frequently will a dolphin slough its outer layer of skin?
8. How quickly can a Bottlenose Dolphin swim?
9. What is the deepest depth that a Bottlenose Dolphin is known to have reached?
10. Why are dolphins always smiling?

*Circle True or False*

11. **True or False:** Dolphins breathe air using lungs; therefore air pollution as well as water pollution can be very dangerous.
12. **True or False:** The dolphin breathes out of its mouth.
13. **True or False:** Dolphins do not have a sense of smell.
14. **True or False:** Dolphins have vocal cords and produce sounds in the same way that humans do.
15. **True or False:** A dolphin’s body temperature is much cooler than ours due to living in the water.
16. **True or False:** Dolphin calves are typically born tail first.
17. **True or False:** Dolphins see in black and white.
18. **True or False:** Dolphins drink salt water and excrete the salt through their blowhole.

