



## Marine Biologist Field Guide

Answers to these questions can be found through observation, as well as by reading our educational signage in Ambassador Park, along the ocean walk, and at the dolphin habitats.

**We appreciate your support of marine education and conservation.**

### Secrets of the Shell: Sea Turtles and Red Footed Tortoises

Fill in the blank(s) with the correct word, phrase, or number.

1. There are 7 species of sea turtle in the world, but only \_\_\_\_\_ of the 7 species can be found nesting in Florida.
2. The smallest and most endangered species of sea turtle is the \_\_\_\_\_. This species is the only species to nest during the daylight, and in mass groups called \_\_\_\_\_.
3. The largest species of sea turtle is the \_\_\_\_\_. Unlike the hard, bony shells of other sea turtle species this species has a flexible, rubber-like shell.
4. The only species of sea turtle that is mostly herbivorous is the \_\_\_\_\_. This species is named for the color of their fat layer!
5. All 7 species of sea turtle are listed as endangered under the \_\_\_\_\_ Act. Three threats to sea turtles are:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Red-footed tortoises can be found in \_\_\_\_\_, as well as on the Carribean Islands of \_\_\_\_\_.

#### Shark Spotlight

Circle True or False

- The sand tiger shark has the lowest reproduction rate amongst all sharks. **True False**
- A sand tiger shark may have more than a dozen embryo pups in its uterus, but the mother usually only gives birth to two pups. **True False**
- The sand tiger shark gulps water to regulate its buoyancy. **True False**



### Marineland History

Draw a line from the historic event on the left, to the time period in which it occurred on the right. More than one event can be matched to the same time period.

The first dolphin calf is born at Marine Studios.

Bernie the Dolphin, a movie starring Marineland's own Aqe the dolphin, was filmed.

1930s - 1940s

Adolf Frohn began his work with Flippy, the world's first trained dolphin.

Marineland opened as Marine Studios.

1950s - 1960s

Marineland was home to a variety of dolphins species, including blonde bottlenose dolphins and Amazon river dolphins.

Flippy masters six new behaviors, and Adolf Frohn becomes the world's first dolphin trainer.

2018

### What's in a Word?

Marine Studios opened as the world's first "oceanarium". How is an oceanarium different from an aquarium?

Oceanarium	Aquarium



## Dive into Dolphins

Fill in the blank(s) with the correct, word, phrase, or number.

1. About \_\_\_\_\_ species of dolphins exist as of 2019.
2. The largest species of dolphin is the \_\_\_\_\_.
3. Dolphins shed the outer layer of skin off their entire body about every \_\_\_\_\_. This helps keep them smooth and quick in the water.
4. During echolocation, dolphins emit sound waves from their \_\_\_\_\_. The returning echoes are received by a dolphin's \_\_\_\_\_.
5. The internal structure of the pectoral flippers are made out of \_\_\_\_\_, while the internal structure of the dorsal fin is made out of \_\_\_\_\_.
6. The average life span of a bottlenose dolphin in the ocean is \_\_\_\_\_. The average life span of a bottlenose dolphin under human care is \_\_\_\_\_.

➤ *Infer! Why is the average life span of a bottlenose dolphin longer under human care than in the ocean?*

## Dolphin Conservation

List three threats dolphins face in the ocean.

- 1.
- 2.
- 3.

List three ways you can support dolphin conservation.

- 1.
- 2.
- 3.

### Be a Dolphin Scientist!

Dolphins can identify themselves to other dolphins through whistles and clicks. Humans can differentiate dolphins from other dolphins using their dorsal fins, tail flukes, body coloration, and even facial features. Select two dolphins at Marineland. After observing each dolphin, draw the physical features of each dolphin that help you identify one dolphin from the other!