

## Shark Facts

There are almost 400 different kinds of sharks. Each kind of shark looks different, has a unique diet, and behaves differently. There are sharks in all four oceans of the world. Some sharks are longer than a school bus, while others are so small they can live in fish tanks. Sharks come in all kinds of colors. Most of the time, their skin color helps them blend in with their surroundings. But, some sharks that live in the deepest part of the ocean actually have parts that glow in the dark. Most sharks live in salt water, but some can live in fresh water. All sharks are unique, or have different qualities that make them so special.

Sharks are actually a type of fish. There are some similarities as well as differences between sharks and typical fish. Shark skeletons are made of cartilage. Fish skeletons are made of bones. Cartilage is the bendy, tough substance in people's ears and noses. Like other fish, sharks have gills. Gills are how fish breathe. Unlike fish, people use lungs to get oxygen from the air. Fish get oxygen from the water using gills. Water needs to move over the gills so that sharks and fish get enough oxygen. To keep the water moving, most sharks need to swim in water that has a very strong current.

Sharks have lots of teeth that are arranged in many rows, rather than in just one row like people. The teeth from the outside row gradually fall out, and teeth from the next row take their place. Some sharks will lose 30,000 teeth in a lifetime! Each species of shark has different kinds of teeth. This is because different sharks eat different kinds of food. Some sharks eat food as small as plankton while other sharks eat animals as big as sea turtles. Most sharks do not eat very often. Some sharks will go weeks between meals. Sharks are at the top of the ocean food chain, which means that no animal is hunting them for food. This position is very important because sharks keep the other animal populations from growing out of control. This process helps ensure there is diversity, or many types, of life in the oceans.

One of the things particularly special about sharks is they have been around a long time. Sharks have lived in the oceans since dinosaurs roamed the Earth about 64 million years ago! Scientists believe there may have even been shark relatives living 400 million years ago. Sometimes, sharks are described as primitive because they have existed for so many years, and they have not changed much since then. It is amazing how long sharks have been living in the ocean! Sharks are very different animals, and there are many things people can learn about them.

1.) Which human organ is most similar to a shark's gills?

- A. Heart.
- B. Lungs.
- C. Brain.
- D. Kidneys.

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2.) The word *diversity* as it is used in the passage means

- A. Important.
- B. Variety.
- C. Alike.
- D. Dangerous.

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3.) What is the main idea of this passage?

- A. Sharks are unusual creatures.
- B. Sharks live in all the oceans.
- C. Fish are just like sharks.
- D. Sharks are at the top of the food chain.

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4.) Which of the following statements is most likely true based on this passage?

- A. Sharks have bones like people.
- B. Sharks are only found in a few places around the world.
- C. Fish and sharks use gills to breathe.
- D. Fish do not have teeth.

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5.) Which of the following is a fact not an opinion?

- A. Sharks have cartilage like people.
- B. Sharks are scary.
- C. Sharks are mean.
- D. Studying sharks is interesting.

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On a scale between 1 and 10 with 1 being low and 10 being how well did you like this passage?

Didn't												I Really
Like It	1	2	3	4	5	6	7	8	9	10		Liked It
At All												

Imagery: Draw a picture that will help you remember what you learned in this passage by including as many of the details as you can on your paper. Make sure to label the parts of your picture.