

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

Date: \_\_\_\_\_

### Theme Based Study Sheet

#### Shark facts

Most sharks living today evolved about 100 million years ago.

Sharks have cartilage instead of bones.

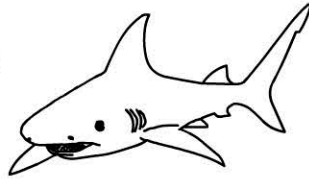
Sharks never run out of teeth because when they lose one, another comes forward from the rows of backup teeth.

There are 360 different kinds of sharks, but only about 4 are truly harmful to humans.

Most sharks are born alive, but some hatch from egg cases.

Sharks can smell one drop of blood in a million drops of water.

Do you know any more interesting facts about sharks?



#### Persuasive text

Humans kill about 100 million sharks every year. Many sharks are killed just for their fins. Some species are near to extinction.

Write a persuasive text to convince the reader that sharks should be protected.

Plan before you write.

1. Introduction. (This is a short opening statement that states "sharks should be protected")

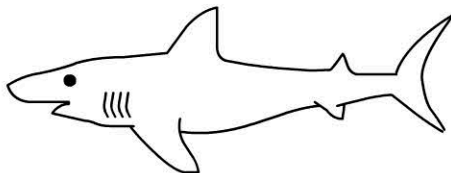
2. List (at least) three reasons why sharks should be protected. (Expand these points in your final draft)

3. Conclusion. (This is a short statement that sums up your main points)

#### Shark anatomy

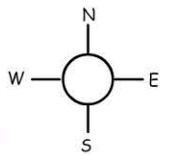
Copy this diagram of a shark on a large sheet of paper. Label these parts of a shark's anatomy.

1. eye
2. mouth
3. dorsal fin
4. caudal fin
5. pelvic fin
6. pectoral fin
7. tail



#### Direction

A shark swims north, then turns 90 degrees left. What direction is the shark now facing?



A shark swims south, then turns 90 degrees right. What direction is it now facing?

A shark swims west, then turns 90 degrees right. What direction is it now facing?

A shark swims east, then turns 90 degrees left, then turns 90 degrees left again.

What direction is the shark now facing?

#### Extension research

Compare the Whale Shark and the Basking Shark to this group of sharks; Great White, Tiger, Bull and Oceanic White tip.

1. What are the main differences?
2. Which would you swim with?
3. What is shark finning? What effect does it have on shark numbers?



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