



- 1) Fish that have a **flattened body shape** will live on the bottom of the ocean. Can you name two of the flat fish species you see here at the aquarium?

Winter flounder, halibut, summer flounder, little skate

Explain why a flattened body shape will help these animals to survive in the wild.

Conform to the ocean floor for excellent camouflage.

- 2) Marine animals that have **spines** on their bodies use them for,

(a) protection b) eating c) swimming

Can you find two spiny animal species here at the aquarium?

urchin, scorpionfish, lionfish, burrfish, spiny sea star

- 3) Some fish can swallow air and/or water to **enlarge the size of their bodies**. Northern puffers have this ability. Why do you think they do this?

To make it hard for other animals to swallow them.

How many Northern puffers can you find in the aquarium? 4

- 4) The **color pattern** of certain fish helps them to survive in the wild. Some fish can even enhance their colors to blend in with their surroundings. In the "big tank", which fish is best camouflaged?

Tautog, Northern Puffers

List your favorite "big tank" fish here: -objective-students choice-

- 5) **Schooling fish** swim together. Can you name two of our schooling fish species?

Butterfish, Mummichog, killifish, lookdowns, jacks, salmon

When you think about the schooling behavior of fish, explain why it is often beneficial for fish to school together?

protection in numbers, more eyes to see danger,
confusion of predators, survival of species

6) When observing the harbor seals, what would you say is the best fit for their **body shape**?

a) Long and lean

b) strong and muscular

c) round and floppy

7) The diamondback terrapin in our "behind the scenes" gallery has multiple adaptations that will help him survive. Can you explain why the body parts listed below help terrapins to survive?

a) Webbed Feet: Help them swim fast

b) Beaked Mouth: To eat hard shelled items easily

c) Hard Shell: For protection

8) In our kitchen we prepare different sized food for all of the aquariums animals. Some animals have very small mouths, others have very large mouths. Some of our animals are even blind so we feed them with a target pole! Look at the mouths and eyes of our aquarium animals. Can you draw a line to match the animal with the food it would likely eat?

