

## Investigation 6: Adaptations to the Ocean

### This investigation will help you to:

- Learn more about the ocean environment.
- Learn more about adaptations.
- Learn more about how fish swim.
- Learn more about the food chain.

To learn more about the ocean environment, visit the following web sites:

Oceans Alive!, **Museum of Science**

Learn all about the Earth's oceans.

The Real Time Ocean Environment, **Naval Research Laboratory Stennis Space Center**

Oceanic real time data from Earth orbiting satellites.

To learn more about adaptations, visit the following web sites:

Adaptations for Survival in the Sea, **Oceanographic Research Group**

Learn more about a film on marine life adaptations.

It's Not Going to Win Any Beauty Contests But. . . , **Marine Biological Laboratory**

The fish that puts the "ugh" in ugly is increasingly popular with biologists. Some animals will make any adaptation to survive. While this article does covers more than just marine animal adaptations, it also mentions the development and importance of a swim bladder for fish.

To learn more about how fish swim, visit the following web sites:

How Fish Swim, **Florida Museum of Natural History**

Discusses how body shape and fins allow fish to swim.

To learn more about the food chain, visit the following web sites:

Predators and Prey - The Living Sea, **Oceans Alive!**

This article gives a bit more details about marine food chains as well as a suggestion for an additional activity.

Fisheries, **NOAA**

Learn more about how fisheries prevent humans for depleting the population into extinction.

Marine Food Chains, **Department of Oceanography, Texas A & M University**

This site looks at the very lowest levels of the food chain and discusses how climate and man can change the oceanic food chain.

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