

Investigation 4: Mapping the Ocean Floor

This investigation will help you to:

- Learn more about the measuring ocean depths.
- Learn more about the shape of the ocean floor.
- Find a global map showing physical features of the ocean floor.

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

Sounding Out the Ocean's Secrets, **National Academy of Sciences**

Discusses the history and development of SONAR.

To learn more about the shape of the ocean floor, visit the following web sites:

Physical Features of the Ocean Looking at the Sea, **Oceans Alive**

Find out more about features on the ocean floor. What is the total area of ocean basins? What and where is the deepest point of all the oceans? What and how tall is the highest mountain?

Click on your ocean basin of interest to learn more about its physical features:

- Pacific
- Atlantic
- Indian
- Artic

Deep-Sea Sample Repository: A Long History of Coring the Ocean Floor, **Lamont-Doherty Earth Observatory Deep-Sea Sample Repository**

This site offers students an opportunity to take a virtual field trip on a research cruise to gather deep-sea sediment cores from the ocean floor.

Find a global map showing physical features of the ocean floor

How to Find a Map
