

Investigation 3: Ocean Currents and Circulation

This investigation will help you to:

- Learn more about movement of heat on the Earth.
- Learn more about currents in the ocean.

To learn more about movement of heat on the Earth, visit the following web sites:

Role of the Ocean in Weather, **Ocean World**

Find out more about the connection between ocean deep water currents, surface currents, and climate changes.

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

Gulf Stream Temperatures, **NASA's Visible Earth**

Explains this ocean current, which plays an extremely important role in regulating global climate. Includes a high-resolution satellite image.

Water on the Move, **Oceans Alive!**

Discussion covers tides, waves, and currents.

Currents, **Ocean World**

Learn about the effects of wind on currents, focus on currents, gyres and eddies, and how currents are measured.

Ocean Current Data, **National Oceanographic Data Center**

Provides links to multiple ocean current data sets.
