

**Unit Title: The Commotion in the Ocean PBL SOL 5.6  
Human and Storm impact on Oceans**

**Level 3 Question(s) Addressed:**

- What is the human impact on oceans?
- What do storms do to the coast and to the energy resources located there?

**Date(s)** Day 17-21

**Content Standard(s):**

- SOL 5.6c
- SOL 5.1b,d,l,j,k
- SOL 5.7f,g
- Review of SOL 4.9a

**NOS Aspects**

- Science is social
- Science is a blend of logic/imagination
- The natural world is understandable
- Science demands evidence

**Student Objective(s) for this lesson:**

- A. TSW review the different types of storms.
- B. TSW construct a model of a coastline(continental shelf) including energy resources
- C. TSW mimic a storm and collect/record data from storm model.
- D. TSW infer the effects of the storm on the coastline

**Misconceptions to address in this lesson:**

1. Hurricanes only do damage on land.
2. Hurricanes form over land.

**Safety Concerns in this lesson:**

- Blowing sand