



Lesson: _____ Our Disappearing Coast _____ 4th Grade

Overview: To examine structural protection efforts to reduce the impacts of hurricane related flooding and examine the use of sediment diversions as a means to restore coastal lands lost due to subsidence.

Louisiana Science Standard:

4-ESS3-2

Key Terms:

- CPRA
- Morganza to the Gulf
- Sediment Diversions
- Subsidence

Objectives:

Students will examine the use of levees along the coast to protect against hurricane induced flooding. Students will also investigate the use of sediment diversions for coastal restoration.

Activity:

- Restoring the Coast

Additional Resources:

- Pre Test
- Supply List
- Post Test

Hope for the Coast: The Coastal Master Plan is implementing projects to protect and restore the Louisiana coast. Project examples include levees to reduce flood risk as well as projects to restore wetland habitat.



Our Disappearing Coast Supply List

Activity 1: Restoring the Coast

Supply	Number Needed	Note
Baking tray	1/ student	Students could also use any other flat pan with raised sides.
2 cup measuring cup	4	Students will share the measuring cup to fill up their cups.
Clay	About 2 cups	
Small jars	1/student	
Fresh water		Students will need roughly 2 cups of water.
Paper Towels		For activity cleanup.