

Lesson:	Saving Our Shores	5 th Grade

Overview: To analyze and compare shoreline protection measures described in the 2017 Coastal Master Plan.

Louisiana Science Standard:

5-ESS3-1

Key Terms:

- Wave action
- Storm surge
- Shoreline protection
- Oyster barrier reefs

Objectives:

Students will identify types of shoreline protection measures used to prevent shoreline erosion along Louisiana's coast. Students will then compare the different types of shoreline protection projects to understand the benefits of each project type.

Activity:

 Exploring the Erosive Energy of Waves Activity (adapted from Science Buddies activity)

Additional Resources:

- Pre Test.
- Supply List
- Post Test

Hope for the Coast: Shoreline protection projects protect coastlines from erosion and storm surge while providing habitat for aquatic species.







Exploring the Erosive Energy of Waves Activity Supplies

Supply	Number Needed	Note
Paint roller pan	1/ student	
Sand		
Measuring cup		
Fresh water		
Gravel		
Water bottle		
Popsicle sticks		
Timer		



