



Lesson: Restoring the Reef 7th Grade

Overview: To design an artificial oyster reef that will protect and restore the degrading oyster habitats along the Louisiana coast.

Louisiana Science Standard:

7-MS-LS2-5

Key Terms:

- Oyster reefs
- Artificial oyster reef structures

Objectives:

Students will investigate the decline in Louisiana’s oyster populations and the effects of this decline on the surrounding ecosystem. Students will design an artificial oyster reef with the goal of restoring the oyster populations and services in the coastal waters.

Activity:

- Oyster Harvest Simulation Activity

Additional Resources:

- Pre Test
- Supply List
- Post Test

Hope for the Coast: Artificial oyster reefs are constructed to create habitat and act as natural buffers against erosion along the coast.



Oyster Harvesting Simulation Activity Supplies

Supply	Number Needed	Note
Pan		
Dry white beans		
Salad tongs		
Plastic spoon		
Jar		