



Lesson: Plants and Their Water Troubles 5th Grade

Overview: To examine the impacts of an increasing salinity due to saltwater intrusion on the growth of wetland plants in freshwater marsh ecosystems.

Louisiana Science Standard:

5-LS1-1

Key Terms:

- Photosynthesis
- Saltwater Intrusion
- Vegetative Plantings

Objectives:

Students will investigate salinity increases along the coast due to saltwater intrusion and examine how these increases impact the growth of freshwater marsh plants.

Activity:

- Exploring Plant Growth: Salinity

Additional Resources:

- Pre Test
- Supply List
- Post Test

Hope for the Coast: Wetland plantings are used in restoration projects to restore habitat, decrease erosion rates, and act as a buffer for waves.



Exploring Photosynthesis: Salinity Activity Supplies

Supply	Number Needed	Note
Large glass jars	2	
Fresh water		
Measuring cup	2	
Saltwater		To make: Use at least 2.5 teaspoons for every 1 cup of water.
Seeds		
Soil		