



The South Louisiana Wetlands Discovery Center (SLWDC) is excited to offer its Coastal Classroom program to elementary, middle, and junior high schools in South Louisiana. These interactive, place-based lessons integrate wetlands education with current Louisiana Science Standards to create memorable experiences for students. SLWDC science educators lead these lessons in the classroom and provide all supplies to offer a hassle-free experience that both teachers and students will enjoy. Below are the available lessons for each grade level:

### 3<sup>rd</sup> Grade

- 1- A Wetland's Inspection  
Wetlands & Land Loss  
[3-ESS3-1](#)
- 2- Our Island Birds  
Brown Pelican & Barrier Islands  
[3-LS2-1](#)
- 3- Life in Our Wetlands  
Wetland Plants & Animals  
[3-LS4-3](#)
- 4- The Coast Around Us  
Human Impacts on Wetlands  
[3-LS4-4](#)
- 5- Wading with the Spoonbill  
Foraging & Wading Birds  
[3-LS2-1](#)
- 6- Weathering the Storm  
Hurricane threats  
[3-ESS3-1](#)

### 5<sup>th</sup> Grade

- 1- Our Water Problem  
Hydrologic Restoration  
[5-ESS2-1](#)
- 2- Saving our Shores  
Shoreline Protection  
[5-ESS3-1](#)
- 3- Wetland Communities  
Threats to Communities  
[5-LS2-1](#)
- 4- Plants and Their Water Troubles  
Saltwater & Plant Growth  
[5-LS1-1](#)
- 5- Ghost Fishing  
Impacts of Ghost Gear  
[5-ESS3-1](#)
- 6- Changing Waters  
Water Distribution  
[5-ESS2-2](#)

### 4<sup>th</sup> Grade

- 1- The Problems of Erosion  
Erosion & Terracing  
[4-ESS2-1](#)
- 2- The Trouble with Invasives  
Introduction to Invasives  
[4-ESS2-3](#)
- 3- Our Disappearing Coast  
Subsidence & Coastal Projects  
[4-ESS3-2](#)
- 4- Plants of Our Wetlands  
Plants & Saltwater Intrusion  
[4-LS1-1](#)
- 5- Flocking to the Coast  
Birds & Migration  
[4-LS1-2](#)
- 6- Keep it Green  
Plants as erosion control  
[4-ESS2-1](#)

### 6<sup>th</sup> Grade

- 1- Living with our Fish Friends  
La Fisheries & Overfishing  
[6-MS-ESS3-4](#)
- 2- Salty Cells  
Plant & Saltwater Intrusion  
[6-MS-LS1-1](#)
- 3- Shifting Species  
Changing Wetland Ecosystems  
[6-MS-LS2-2](#)
- 4- Losing the Edge  
Blue Crabs & Fragmentation  
[6-MS-LS2-1](#)
- 5- Exploring the Dead Zone  
Hypoxia and Gulf of Mexico  
[6-MS-LS2-3](#)
- 6- Queen Bess Returns  
Resources & land loss  
[6-MS-LS2-1](#)

Coastal Classroom is a program of South Louisiana Wetlands Discovery Center made possible by grants from the Rougarou Fest and the Greater New Orleans Foundation's Environmental Fund.





## 7<sup>th</sup> Grade

- 1- Following the Water  
Thermal Expansion  
[7-MS-ESS2-4](#)
- 2- Matter in the Marsh  
Aquatic Vegetation & Hypoxia  
[7-MS-LS1-6](#)
- 3- Changing our Communities  
Floodplains & Levee Impacts  
[7-MS-LS2-4](#)
- 4- Restoring the Reef  
Oysters & Reef Restoration  
[7-MS-LS2-5](#)
- 5- Duck Troubles in the Marsh  
Hydrologic Modifications  
[7-MS-LS2-4](#)
- 6- From Marsh to Mangroves  
Black Mangroves & Salt Marshes  
[7-MS-LS2-4](#)

## 8<sup>th</sup> Grade

- 1- Groundwater Troubles  
Groundwater & Subsidence  
[8-MS-ESS3-1](#)
- 2- Troubled Waters  
Ocean Acidification & Oysters  
[8-MS-ESS3-3](#)
- 3- Stopping the Surge  
Storm Surge & Risk Reduction  
[8-MS-ESS3-2](#)
- 4- Our Shrimp Story  
Shrimp & Ecosystem Changes  
[8-MS-LS1-5](#)
- 5- Salty Cypress Secrets  
Cypress & Saltwater Intrusion  
[8-MS-LS1-5](#)
- 6- Protecting Our Island Visitors  
Barrier Islands & Shorebirds  
[8-MS-ESS3-3](#)
- 7- Carbon's Marshy Path  
Carbon Sequestration  
[8-MS-ESS2-1](#)
- 8- Escaping the Dead Zone  
Eutrophication & Hypoxia  
[8-MS-ESS3-3](#)
- 9- Plastic's Seaward Journey  
Microplastics  
[8-MS-ESS3-3](#)