

Introduction to Gonzales Ranch Restoration Program

Enduring Understanding(s):

- Students will understand that plants, animals, and people are interconnected.
- Students will be able to identify problems in their watershed and feel empowered and excited to implement solutions through their upcoming restoration project.

NGSS Standards Met:

- Science and Engineering Practices:
 - Asking questions and defining problems
 - Construction explanations and designing solutions
- Disciplinary Core Ideas:
 - ESS3.C Human impacts on Earth Systems
 - LS2.A Interdependent relationships in ecosystems
 - LS2.C Ecosystem dynamics, functioning, and resilience
 - LS4.D Biodiversity and humans
- Crosscutting Concepts:
 - Cause and effect
 - Structure and function
 - Stability and change
 - Systems and systems models

Essential Question(s):

- What is STRAW and what is my role in the program?
- What is a watershed? What is a riparian zone?
- How can we better understand ourselves and our environment through learning about our watershed?