

Title: Land Reclamation
Curriculum Area: Agriculture
Teacher:
School:
Grade Level: 9-12
Career Cluster: Agriculture
Lesson Objective(s): <ol style="list-style-type: none">1. Explore the Industry of Land Reclamation2. Identify different types of land management practices used in our area3. Understand the economic importance of Land Reclamation4. Explore job availability and demand5. Cover land conservation (soil, water, etc.)6. Complete project
Performance Task (Include Teacher & Student Instructions): <p>Students will use chief architect to reconstruct an area that has been demolished by harvesting coal. They will have a before picture of the site and each student will have to reconstruct it back to the condition it was before the coal was extracted from the land.</p> <p>The student will also, turn in a list of all materials used with an estimated cost of project. By completing this project the students will get an understanding of what it takes to start a project of this type, the actual expense that goes into it, and how to present bids to companies for possible jobs.</p> <p>I will walk them through a simulation before they start and they will have a guest speaker to ask any questions that they may have.</p>
Evaluation & Scoring: <p>A rubric will be used on the project.</p> <p>Each student will display and give a presentation over their project.</p>

Extension/Modification and/or Instructional Methodology:

I will allow extra time on assignments when needed, provide copies of notes, and review for the test.

SCAN Skills:

Basic reading, writing, math, listening, speaking, problem solving, creative thinking, decision making, technology, integrity and honesty.

Exit Level TAKS Objectives:

Objective 2

TEKS Competencies:

119.50
1:A, E
2:A, B, C

Team Project, Guest Speaker, or Field Trip:

Guest Speaker from the local power plant who is over the Land reclamation.

Resources:

Paper, writing utensil, Chief Architect, computer, and text book.