



THE END OF THE OPEN RANGE

Learning Objectives: The students will

1. Compare and contrast the impact of the windmill, railroad, and barbed wire on the cattle industry in Texas.
2. Analyze and draw conclusions based on information found in research.
3. Make inferences based on information.
4. Collaborate with others to produce a product.
5. Discover how inventions impacted life in 19th century Texas.
6. Use research skills to discover information about a major Texas ranch.
7. Create a visual presentation using information from research.

TEKS: SS 4.4B, 4.18G, 4.19A-C, 4.21B&D

Materials Needed: Changes a'Comin' worksheet; "The Farmer and the Cowman" lyrics; materials for research on Joseph Glidden, trains, and Daniel Halladay; websites for ranch research <http://www.ranches.org/JAranch.htm>, <http://www.king-ranch.com/>.

Vocabulary: transportation, hay shakers, cowpunchers, windmill, invention, barbed wire

Teaching Strategies:

1. To introduce the lesson, distribute the lyrics to the song, "The Farmer and the Cowboys Should Be Friends."
2. Ask students to identify the causes of disagreement between the "hay shakers" and the "cow punchers," as described in the song.
3. Divide the class into three groups. Each group will discover information about their topic from books and electronic media. Groups include:
 - a. Joseph Glidden and his discovery, barbed wire
 - b. Daniel Halladay and his invention, the windmill
 - c. The railroad and its influence on Texas
4. As each group reports their findings, students will take notes on the attached sheet. Then each student should consider the effect of these three inventions and analyze their impact on Texas by completing the last portion of the prepared sheet.
5. Divide the class up into four groups and explore these ranches:
 - a. The XIT Ranch
 - b. The King Ranch
 - c. The JA Ranch
 - d. The Matador Ranch
6. Students will discover:
 - a. The history of the ranch
 - b. When it started
 - c. How it grew
 - d. The owners
 - e. The size of the ranch
 - f. The cattle on the ranch
 - g. Its use today
7. Students should find pictures if possible to share with the class

8. Each group will design a new brand for the ranch.
9. Allow students to teach the rest of the class what they learned by creating a ranch newsletter, which includes the information found.

Extension for Gifted/Talented:

Students may create a map showing the locations and broad expanse of these great ranches. They should include the acreage and square miles covered.

Song: The Farmer And The Cowman

From "Oklahoma" by Rogers and Hammerstein

The farmer and the cowman should be friends,
Oh, the farmer and the cowman should be friends.
One man likes to push a plough, the other likes to chase a cow,
But that's no reason why they cain't be friends.

Territory folks should stick together,
Territory folks should all be pals.
Cowboys dance with farmer's daughters,
Farmers dance with the ranchers' gals.

I'd like to say a word for the farmer,
He come out west and made a lot of changes
He come out west and built a lot of fences,
And built 'em right acrost our cattle ranges.

The farmer and the cowman should be friends,
Oh, the farmer and the cowman should be friends.
The cowman ropes a cow with ease, the farmer steals her butter and cheese,
But that's no reason why they cain't be friends

Territory folks should stick together,
Territory folks should all be pals.
Cowboys dance with farmer's daughters,
Farmers dance with the ranchers' gals.

I'd like to teach you all a little sayin'
And learn the words by heart the way you should
I don't say I'm no better than anybody else,
But I'll be damned if I ain't jist as good!
I don't say I'm no better than anybody else,
But I'll be damned if I ain't jist as good!

Territory folks should stick together,
Territory folks should all be pals.
Cowboys dance with farmer's daughters,
Farmers dance with the ranchers' gals!

Changes a'Comin'

Three powerful inventions affected Texas ranchers – barbed wire, windmill, and railroads. List five facts about the development of each one, and reach a conclusion about which one had the greatest influence and why.

Barbed wire



Windmills



Railroads



1.

2.

3.

4.

5.

In my opinion, the _____ had the greatest impact on Texas because
