

Industrialization in Appalachia

How the Movement of Capital and Resources Influenced the Region



Summary

Students will be introduced to the history of industrialization of the Appalachian region. Students will then be research the industries in western NC through oral histories, and songs. Students will create a chart describing the main industry in the western NC county of their choice and will present their findings to the class.

Learning Outcomes

Students will:

- Develop an appreciation for global and local interactions via industry
- Analyze a primary and secondary document
- Create a chart based on information gained from document study

Teacher Planning

Time Required for Lesson: 2-3 Days

Materials Needed:

Pdf's of the supplemental texts

Songs from the W.L. Eury Appalachian Collection

Interviews from W.L. Eury Appalachian Collection

Technology Resources Needed:

- Computers with high speed internet access for each student
- Stereo headphones for each student
- Access to a printer

Background Information / Pre-Activities

Allow each student pick an industry and make a chart of its history in western North Carolina (e.g. tourism, timber, manufacturing, agriculture, mining). What industry was popular in the region? When did it become popular? Is it still going today?

1. What are some problems faced by the different forms of industry? What are the implications for industries to be owned by people outside of the region?

Activities

1. Songs were a way for workers to keep up morale during the long and hard days of work. Divide into groups, half the groups will select a song about industrialization ("John Henry", "16 tons", "Which Side Are You On") The other half will select an interview about an industry in the region or its impact on the region (railroad, timber, coal, furniture, manufacturing, environmental impacts - 1940 flood) using the Digital Collections of the W.L. Eury Appalachian collection.

2. How did the songs/interviews describe the industry and the life that came with it? Where there any similarities between the songs and the interviews? Have a discussion about the future of industries in the region.

Assessment

Students will present their charts and assessments of songs/oral histories to the class.

Vocabulary

Industrialization-to build and operate factories and businesses in a city, region, country, etc.

De-Industrialization-the reduction or destruction of a nation's or region's industrial capacity.

Deforestation-the action or process of clearing of forests.

Clear Cutting-removal of all the trees in a stand of timber.

Underground Mining-Sub-surface mining consists of digging tunnels or shafts into the earth to reach buried ore deposits. Ore, for processing, and waste rock, for disposal, are brought to the surface through the tunnels and shafts. Sub-surface mining can be classified by the type of access shafts used, the extraction method or the technique used to reach the mineral deposit. Drift mining utilizes horizontal access tunnels, slope mining uses diagonally sloping access shafts, and shaft mining utilizes vertical access shafts. Mining in hard and soft rock formations require different techniques.

Surface Mining-includes strip mining, open-pit mining and mountaintop removal mining, is a broad category of mining in which soil and rock overlying the mineral deposit (the overburden) are removed.

Bituminous Coal-black coal having a relatively high volatile content. It burns with a characteristically bright smoky flame.

Company Town-A company town is a place where practically all stores and housing are owned by the one company that is the only employer. The company provides infrastructure (housing, stores, transportation, sewage and water) to enable workers to move there and live.

Tourism-the commercial organization and operation of vacations and visits to places of interest.

Agriculture-the science or practice of farming, including cultivation of the soil for the growing of crops and the rearing of animals to provide food, wool, and other products.

Commons-the cultural and natural resources accessible to all members of a society, including natural materials such as air, water, and a habitable earth.

Tragedy of the Commons-an economic theory of a situation within a shared-resource system where individual users acting independently and rationally according to their own self-interest behave contrary to the common good of all users by depleting that resource.

Supplemental Resources

"The Legend of John Henry"

Anonymous. (1995). The Legend of John Henry. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out* (Vol. 1, pp. 58-60). Knoxville, TN: University of Tennessee Press.

"Genesis"

Awiakta, M. (1995). Genesis. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out* (Vol. 1, pp. 115-116). Knoxville, TN: University of Tennessee Press. (Original work published 1994)

"Death by Eminent Domain"

Dunn, D. (1995). Death by Eminent Domain. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out: Volume 1 Conflict and Change* (pp. 195-196). Knoxville, TN: The University of Tennessee Press. (Originally Published in 1982)

"Miners work"

Eller, R. D. (1995). The Miner's Work. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out* (Vol. 1, pp. 127-133). Knoxville, TN: University of Tennessee Press. (Original work published 1982)

"Railroad Lore: The Songs of the Gandy Dancers"

Manning, A. N. (1995). Railroad Lore: The Songs of the Gandy Dancers. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out: Volume 1 Conflict and Change* (pp. 167-169). Knoxville, TN: The University of Tennessee Press.

"because the earth is dark and deep"

Moore, M. (1995). Because the Earth is Dark and Deep. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out* (Vol. 1, pp. 135-145). Knoxville, TN: University of Tennessee Press. (Original work published 1991)

"Matt Cope dead"

Mrs. Grundy (1995). Matt Cope Dead. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out: Volume 1 Conflict and Change* (pp. 163-165). Knoxville, TN: The University of Tennessee Press.

"Which Side are you on"

Reece, F., & Farmer, J. (2007). Which Side Are You On? (G. Carawan & C. Carawan, Eds.). In *Sing for Freedom: The Story of the Civil Rights Movement Through Its Songs* (p. 39). Montgomery, AL: New South Books. (Original work published 1946)

Reece, F., & Chandler Jr., L. H. (2007). Which Side Are You On? (G. Carawan & C. Carawan, Eds.). In *Sing for Freedom: The Story of the Civil Rights Movement Through Its Songs* (p. 217). Montgomery, AL: New South Books. (Original work published 1946)

"Boyhood Days"

Washington, B. T. (1995). Boyhood Days. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out* (Vol. 1, pp. 61-65). Knoxville, TN: University of Tennessee Press. (Original work published 1901)

"Kentucky Miners" & "Harlan Portraits"

West, D. (1995). Kentucky Miners and Harlan Portraits. In R. J. Higgs, A. N. Manning, & J. W. Miller (Eds.), *Appalachia Inside Out* (Vol. 1, pp. 125-127). Knoxville, TN: University of Tennessee Press. (Original work published 1974, 1946)

North Carolina Essential Standards

SOCIAL STUDIES Grade 8

- 8.H.1.1 Construct charts, graphs, and historical narratives to explain particular events or issues
- 8.H.1.2 Summarize the literal meaning of historical documents in order to establish context
- 8.H.1.3 Use primary and secondary sources to interpret various historical perspectives
- 8.H.1.4 Use historical inquiry to evaluate the validity of sources used to construct historical narratives
- 8.C.1.1 Explain how influences from Africa, Europe, and the Americas impacted North Carolina and the United States
- 8.C.1.2 Summarize the origin of beliefs, practices, and traditions that represent various groups within North Carolina and the United States
- 8.TT.1 Use technology and other resources for assigned tasks
- 8.RP.1 Apply a research process to complete project-based activities
- 8.G.1.3 Explain how human and environmental interaction affected quality of life and settlement patterns in North Carolina and the United States