FORGING THE WEST
History of the Pueblo Steel Mill
Lesson Plan

Subject: Social Studies

Grades: 7-12

Colorado Department of Education Standards met:
History 1: Use the historical method of inquiry to ask questions, evaluate primary and secondary sources, critically analyze and interpret data, and develop interpretations defended by evidence
a. Evaluate a historical source for point of view and historical context
History 3: The significance of ideas as powerful forces throughout history
e. Analyze ideas critical to the understanding of American history

United States History Standard Era 6 - The Development of the Industrial United States (1870-1900)
Standard 1: How the rise of corporations, heavy industry, and mechanized farming transformed the American people
Standard 2: Massive immigration after 1870 and how new social patterns, conflicts, and ideas of national unity developed amid growing cultural diversity
Standard 3: The rise of the American labor movement and how political issues reflected social and economic changes

Skills needed:
Analysis of primary source documents
Use internet resources and informational text and literature as research tools
Compare information from a variety of sources about the same topic
Formulate questions about a topic
Make inferences
Summarize non-fiction text
Identify main ideas in non-fiction text
Compare and contrast
Use of technology to develop a PowerPoint Presentation
Oral presentation skills
Create multi-media presentations showcasing information.
Present information to classmates orally and visually

Lesson Length:
Four days - Two class periods for research utilizing computers at school. Students will then conduct the research on their own time for two weeks. Allow two class periods for student presentations to the class (this will vary depending on the size of your class)

Lesson Procedure:
History of the CF&I and the Steel Industry in Pueblo, Colorado.
This Unit of Study of study is designed to complement the film “FORGING THE WEST”, as well as utilizing primary source documents from the Steel Works Center of the West, as well as other sources.

1. Show the film entitled FORGING THE WEST. Discuss the different chapters of the film. You can show it in its entirety, or select individual chapters.

2. Students will research topics from the film dealing with the production of and uses of steel, as well as people and events instrumental to the story of the steel mill in the industrialization of the American West.

3. Teachers can develop a list of topics to research based on topics that correlate to the chapters in the film FORGING THE WEST and have the students ‘draw from a hat’ to get their topic. Students will then create a PowerPoint Presentation to present
to the class. Possible topics and some resources are listed below under the specific topic:

a. The Bessemer Process  
b. Louis Tikas (Union Boss)  
c. William Jackson Palmer  
d. John C. Osgood  
e. Dr. Richard Corwin  
f. John D. Rockefeller, Jr.  
g. Ludlow Massacre 1913-14  
h. Mother Jones  
i. The Rockefeller Plan  
j. 1927 Industrial Workers of the World strike  
k. 1959 United Steelworkers of America steel strike  
l. Charles Allen  
m. EVRAZ

4. Students will use a graphic organizer AND/OR the appropriate document analysis worksheet to use as an outline; as they create a PowerPoint presentation. Students may utilize the Document Analysis Worksheets from the National Archives: https://www.archives.gov/education/lessons/worksheets/

5. It is suggested that the presentations include 12 slides of information; a title slide, and a bibliography slide. Presentations should include primary source documents, pictures, and text.

Materials Needed:
1. Computers with Internet Access  
2. Note taking materials  
3. Document Analysis worksheets or graphic organizers  
4. A flash drive or thumb drive for presentations

Introduction/Background Information
(Taken from the National History Standards www.nchs.edu/history-standards/us-history-content-standards)

During the 19th century, the United States transitioned from an agrarian to an industrial economy due to the development of large-scale agriculture, the rapid
expansion of big business, and the rise of national labor unions which led to industrial challenges and conflict. This period also witnessed unprecedented immigration and urbanization, both of which were indispensable to industrial expansion. American society, truly became a “melting pot”, with people from all backgrounds and different skills trying to fit in and make a living. Agricultural modernization, and “Bonanza Farms” while innovative and productive, disrupted family farms and led American farmers to organize protest movements as never before. Western Expansion and the quest for Manifest Destiny was accomplished at the cost of wars against the Plains Indians, and the removal of indigenous peoples from their homeland. This led to the push of assimilation and the reservation system. Industrial development raised the standard of living for many of Americans but also led to the rise of national labor unions; and unprecedented clashes in industrial and mining sites between capital and labor.

Possible Topics and accompanying websites:
The Bessemer Process
http://www.mainemaritimemuseum.org/media/docs/resources/2013/03/08/The_bessemer_Process.pdf
http://www.westword.com/arts/welcome-back-to-bessemer-in-pueblo-where-colorado-history-was-forged-5802957
https://southerncoloradohistory.wikispaces.com/Metals+and+Products+of+the+Colorado+Fuel+and+Iron+Company

Louis Tikas (Union Boss)

William Jackson Palmer
https://southerncoloradohistory.wikispaces.com/William+Jackson+Palmer
http://www.chieftain.com/opinion/4497884-120/palmer-pueblo-colorado-iron
http://www.livability.com/co/pueblo/business/why-pueblo-co-is-steel-city

John C. Osgood
https://southerncoloradohistory.wikispaces.com/John+C.+Osgood
http://osnetdaily.com/2016/05/19-robber-barons-built-ruled-america/
http://coloradoencyclopedia.org/article/minnequa-steelworks-office

Dr. Richard Corwin
http://scalar.usc.edu/works/the-colorado-fuel-and-iron-company/cfi-timeline
https://southerncoloradohistory.wikispaces.com/CF%26I+Education+in+Mining+Camps
http://pcclddigitalcollection.contentdm.oclc.org/cdm/landingpage/collection/p16620coll6
http://coloradohealthcarehistory.com/hospitals-corwin-pueblo.html
http://www.kmitch.com/Huerfano/coalmines.html

John D. Rockefeller, Jr.
http://www.coloradocountrylife.coop/remembering-ludlow/
http://www.pbs.org/wgbh/americaneexperience/features/primary-resources/rockefellers-ludlow/
https://southerncoloradohistory.wikispaces.com/Rockefeller+Plan,+The
http://newswithviews.com/Cuddy/dennis143.htm
Book by Jonathan H. Rees

Ludlow Massacre 1913-1914
Ludlow Strike at CF&I (massacre to follow)
http://southerncoloradohistory.wikispaces.com/Ludlow+Massacre
The Colorado Coal Field War: 1913-1914 The Colorado Coal Field War Primary Resource Set
The Ludlow Massacre Images from Western History Collection Denver Public Library
http://www.du.edu/ludlow/cfphoto.html
http://www.coloradocountrylife.coop/remembering-ludlow/

Mother Jones
http://www.aflcio.org/About/Our-History/Key-People-in-Labor-History/Mother-Jones-1837-1930
The Rockefeller Plan
https://southerncoloradohistory.wikispaces.com/Rockefeller+Plan,+The
http://newswithviews.com/Cuddy/dennis143.htm

Strike of 1927
1927 Strike at CF&I
http://southerncoloradohistory.wikispaces.com/1927+Colorado+Fuel+and+Iron+Strike
Colorado miners' strike and Columbine mine massacre, 1927
http://libcom.org/history/1927-colorado-miners-strike-and-columbine-mine-massacre
Slaughter in Serene: the Columbine Coal Strike Reader
http://www.rebelgraphics.org/serene.html

Strike of 1959
Steel Strike of 1959
Brief CF&I Timeline of significant events in the company's history
Steel Strikes History - Encyclopeida.com
http://www.encyclopedia.com/doc/1G2-3401804038.html
Pittsburgh of the West

Charles Allen
http://coloradoencyclopedia.org/article/minnequa-steelworks-office

EVRAZ
http://www.livability.com/co/pueblo/business/why-pueblo-co-is-steel-city

Additional Resources
Library of Congress Primary Source set on the Industrial Revolution

Document Analysis Worksheets from the National Archives
https://www.archives.gov/education/lessons/worksheets/

The Colorado Coal Field War: 1913-1914 The Colorado Coal Field War Primary Resource Set

Steelworks Center of the West Resources
Various online exhibits about topics relating to steelmaking and mining:
http://scalar.usc.edu/works/the-colorado-fuel-and-iron-company/index

Random photos: http://steelworks.pastperfectonline.com/randomimages

Search by keyword for photos: http://steelworks.pastperfectonline.com/photo
Keyword search: http://steelworks.pastperfectonline.com/search

Specific archive collections that have been digitized (i.e. maps, ledgers, drawings)
http://steelworks.pastperfectonline.com/archive

Camp and Plant publication published by CF&I 1901-1904

Inventory of the CF&I Archives as listed on the Rocky Mountain Online Archive
https://rmoa.unm.edu/docviewer.php?docId=CFI_Archives_OverviewRMOA_2015_01_02.xml

Projects completed by CSU-Pueblo college students in various history classes: