

West Virginia Studies Resource Development

Title of Lesson: Industries of West Virginia
Grade level: 8th Grade
Summary: <ul style="list-style-type: none">• Students will be able to identify the Natural Resources of West Virginia and how the resources changed the lifestyles of the citizens of the state.
WV CCR Social Studies Standards SS.8.23 <ul style="list-style-type: none">• Demonstrate an understanding of major social, political and economic developments that took place in West Virginia during the second half of the nineteenth century.• Identify the types of transportation that facilitated the growth of West Virginia.• Compare and contrast the West Virginia Constitutions of 1862 and 1872.• Summarize the changes that occurred in West Virginia agriculture and industry during the late nineteenth century, including changes in family life in various regions and the growth of industry.• Explain the significance of increased immigration into the United States in the late nineteenth century to West Virginia, including cultural and economic contributions of immigrants, opportunities and struggles experienced by immigrants, increased racial hostility and the effect of racial and ethnic diversity on national identity SS.8.8 <ul style="list-style-type: none">• Analyze the impact of absentee ownership, renewable and nonrenewable natural resources, labor unionization, and the development of infrastructure on the economic growth of West Virginia (e.g., railroad, major highways, internet and cellular service). SS.8.11 <ul style="list-style-type: none">• Compare and contrast the effects of technological/industrial advances as they relate to economy vs. environment and their effects on the demographic profile of West Virginia (e.g., entrepreneurial businesses, agriculture, tourism, education, interstate commuters, mining, and natural gas). SS.8.17 <ul style="list-style-type: none">• Analyze the geographic factors that led to development of agricultural, coal, glass, chemical, metallurgic, and tourism industries in West Virginia (e.g., floods and coal mining disasters).
Essential Questions: <ul style="list-style-type: none">• What are the natural resources of West Virginia and how did the development of these resources contribute to the Industrial Revolution in our state?
Materials: <ul style="list-style-type: none">• Handout on Natural resources attached• Pencils• Computers• Textbooks
Learning Plan: <ul style="list-style-type: none">• Place students into groups of three

- Give each group a handout on the Natural Resources of West Virginia
- Have them research the information from the textbook or using an electronic device use WV Encyclopedia or WV Culture and History website (about 20 minutes)
- Have teacher create a large chart for the room (poster, white board, or Smartboard)
- Have each group choose a spokesperson and have them share the information from one of the resources to the large poster in the room
- As each resource is completed ask if there is anything else that needs to be added

Checking for Understanding:

- Student participation completing the handout
- Students participation in class discussion

Accommodations:

Pair poor readers with better readers to ensure good understanding

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Title of Lesson: Industries of West Virginia Part 2
Grade level: 8th Grade
Summary: Students will be able to identify natural resource industries found in West Virginia and the important people responsible for its development and the impact it made on the state.
WV CCR Social Studies Standards SS.8.6 <ul style="list-style-type: none">• Evaluate West Virginia's role in the global economy as it relates to natural resources and national/ international business and trade. SS.8.8 <ul style="list-style-type: none">• Analyze the impact of absentee ownership, renewable and nonrenewable natural resources, labor unionization, and the development of infrastructure on the economic growth of West Virginia (e.g., railroad, major highways, internet and cellular service). SS.8.9 <ul style="list-style-type: none">• Research and cite industries and products that are vital to the economy of the four regions of West Virginia both past and present, and categorize the related occupations (e.g., tourism, coal, glass, timber, chemical, oil, natural gas, agriculture service industries, and gaming). SS.8.16 <ul style="list-style-type: none">• Illustrate how technological advances have affected the cultural isolation of West Virginia (e.g., worldwide web, satellite communications, electronic devices, and social media).
Essential Questions: <ul style="list-style-type: none">• What are the natural resources found in West Virginia and what impact had the development of the industries had on the state and its citizens?
Materials: <ul style="list-style-type: none">• Poster board• Computer• Projector• Glue• Markers• Rulers• Tape• Rubric
Learning Plan: <ul style="list-style-type: none">• Divide the class into groups of two• Have each group choose a different type of natural resource found in West Virginia• Have students choose a type of presentation for the class (poster board, PowerPoint, or Prezi) based upon technology available• Be sure students include: Type of industry, important people to the industry, location of the resource to the state, economic impact on the region it is found in, economic impacts on the state, nation, & world, and positive and negative impacts on the environment• Review Rubric• Resources: WV e-Encyclopedia, WV Culture & History, WV Studies Textbook
Checking for Understanding:

- Student participation on research
- Completion of project (rubric)

Accommodations:

Pair students who struggle with projects with a dependable student who is very creative

INDUSTRIES OF WEST VIRGINIA

Name _____

Name _____

Name _____

DIRECTIONS: Students will research the industries below and find important information about each. (when was it discovered, who founded it, & where in the state was it located)

Industry	Location in the State	Key Figures in the Industry	When was it discovered	Other facts
Salt				
Iron				
Coal				
Oil				
Natural Gas				
Glass				
Timber				