

West Virginia Studies Resource Development

Title of Lesson: Industries out of Nature
Grade level: 8 th Grade
Summary: WV industries have evolved out of all the natural resources that WV has to offer. These industries have been the backbone of the WV economy and only in more recent years have we started to see a shift toward a modern economy. Salt, iron, timber, chemical, agriculture, metallurgic, coal and most definitely tourism are still prominent in WV.
WV CCR Social Studies Standards: SS.8.17 Analyze the geographic features that led to the development of agricultural, coal, glass, chemical, metallurgic and tourism industries
Students will know and understand (content) (Essential Questions): What industries flourished in our state due to the available natural resources? How did these industries impact the lives of the people in our state?
Students will be able to do (skills): Create a map showing where these industries flourished in WV Design a visual timeline of when these natural resources began
Materials & Resources: <ul style="list-style-type: none">● WV e-Encyclopedia https://www.wvencyclopedia.org/categories/22● Blank WV map● 11 x 14 paper (for timeline)● Colored pencils● computer
Learning Plan: Intro: What natural resources do we know that have been found in our state? Start off by having students in partners search the internet to create a collage of pictures showing what natural resources are found in our state - share their collage and make a list on the board of natural resources (be prepared with pictures of all resources just in case the students leave some out). Natural resources have been the reason that brought many immigrants to WV from the start as these resources brought jobs. Today we are going to investigate these resources and find out when they first became prominent as well as why.

Activity:

- Have students use their computers and go to <https://www.wvencyclopedia.org/categories/22> then use the chart below to gather information about the resource, when did it flourish, where and the background information including what is it used for (students can do this in partners if you choose)
- You can break it up and have them find certain ones and then discuss or have them research them all until finished
- When students are done go over the chart and discuss how the different industries grew in WV
- Part 2 - map creation - have students make a key and create their own symbols to represent where the resources have been found around the state - discuss how those resources have impacted jobs in those areas as well as what other jobs may have grown from that natural resources
- Part 3 - have students create a visual timeline including the name of the resource, the year it began to flourish as well as 2 pieces of background information - students will have this visual representation to help them gain a better understanding of the significance of these natural resources and how they have helped our state grow

Checking for Understanding:

Graphic organizer
Map
Visual Timeline

Accommodations:

Set up graphic organizer with resources already listed
Limit the number of locations on the map creation
Modified visual timeline expectations
Gifted: Expansion - research a job that would have evolved out of one of these natural resources

Natural Resource	When did it flourish	Where	Background info (use of resource too)
1. Salt			
2. Coal			
3. Lumber (Forestry)			
4. Natural Gas / Petroleum			
5. Other (Could do clay) see https://www.wvencyclopedia.org/categories/22			
6. Other Could do glass sand see https://www.wvencyclopedia.org/categories/22			