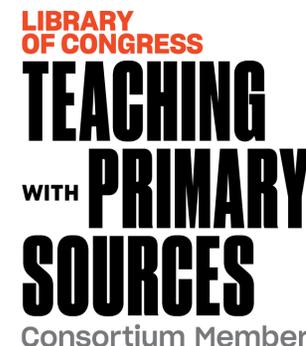


1. Title / Content Area:	Forests of Change
2. Important Sites:	Forests of Colorado (including those impacted by grazing, fire, and climate change)
3. Episode:	https://www.pbs.org/video/forests-of-change-ufmhof/
4. Developed by:	Jennifer Congedo, Adams 12 School District
5. Grade Level and Standards:	<p><i>Grade Level: 3-5</i> Content in this Document Based Question (DBQ) link to Prepared Graduate Competencies in the Colorado Academic Standards <i>Prepared Graduate Competencies: 1, 2, and 4</i> Colorado Standards: 3rd: History Standard 1 GLE 2. 4th: History Standard 1 GLE 2.. 5th: Geography Standard 2 GLE 2</p> <p><i>C3 Standards in Social Studies:</i> <i>D2.Geo.2.3-5.</i> <i>D2.Geo.4.3-5.</i> <i>D2.Geo.5.3-5. D2.His.2.3-5. D2.His.3.3-5.</i></p> <p>Grade Level: Elementary Standards: NGSS</p> <p>3-LS4-4: Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.</p>
6. Assessment Question:	How were Colorado forests impacted by the establishment of historic mines and mining towns?
7. Contextual Paragraph	Colorado forests have been changing and adapting over time. They have experienced disturbances from the increase in mining activity during the gold rush. They also have experienced challenges caused by natural and human interactions



	<p>such as forest fires and the overgrazing of cattle and sheep on forest land. All of these disturbances have altered the ecosystems of our forests. Today, scientists and historians are working to understand these causes and the resulting consequences of Colorado's ever changing forests. This lesson helps students explore these human-environment interactions through the use of primary and secondary sources.</p>	
<p>8. Connection to Historic Preservation</p>	<p>Historic places are often embedded in communities surrounded by forests. The issues impacting forests can have a direct impact on communities through fire, grazing, mining, and other challenges. Many of our towns, historic farms and ranches were established near and in forested areas across the state, which have long been a part in our agricultural and environmental history. Many of these historic towns hold buildings that have been listed in the National Register of Historic Places, and many of the farms and ranches across the state are listed as well. You can find more information about these historic places on the History Colorado website: https://www.historycolorado.org/national-state-registers</p>	

Document Based Question (DBQ)

Document Set

Cripple Creek mining district, the great gold camp of Colorado



GUIDING QUESTIONS:

1. Examine the map. What type of physical geography is shown on it?
2. What type of built landscape has been created?
3. What has changed on the physical landscape due to the discovery of gold?
4. What evidence can you find that reflects the impact the discovery of gold had in the development of cities and towns?

<https://www.loc.gov/resource/g4314c.pm000591/?r=0.158,1.023,0.399,0.173,0>

Leadville, CO



GUIDING QUESTIONS:

1. What do you see in this image? Note those items here.
2. What man made industries are evident in this picture?
3. How do these industries affect the environment surrounding Leadville?
4. What man-made impacts can you see in the landscape??

<https://digital.denverlibrary.org/digital/collection/p15330coll22/id/31008/>

Emmet Mine in Leadville, CO



GUIDING QUESTIONS:

1. Imagine how this hill looked before man arrived. Describe what you think existed.
2. Based on analysis of this image, how did the buildings and mining resources change the landscape in the area surrounding Leadville and the gold camps?
3. Using evidence from the image, what long-term impacts might mining have on the ecosystem surrounding Leadville, CO?
4. How did the establishment of a mine contribute to the deforestation of an area?

<https://digital.denverlibrary.org/digital/collection/p15330coll21/id/10097/>

Assessment Question

How were Colorado forests impacted by the establishment of historic mines and mining towns?

Response