

Educator Overview

Underground Coal Mining Impacts on a Small Town



Audience	Grade levels 6-8	Subject Science	Topic Coal Mining in Louisville, Colorado
Guiding Questions	1. What effects lead to the change in the quality of coal?	2. How is deep shaft coal mining different than other types of extractive mining?	3. How does the quality of coal and type of mining affect the lives of those in Louisville?
Background Knowledge	All background and vocabulary needed are covered and defined in the lessons.		
Content Topics	1. Louisville Timeline 2. Creation of Coal 3. Types of Coal Mining		
Student Engagement	1. Fill in the Blank: Coal Creation 2. Hot Spot: How Coal Changed Louisville 3. Escape Room: Coal's Impact on Louisville, Colorado		
Other Notes (Supplies needed, independent vs. whole class engagement)	<ul style="list-style-type: none">• Activity 2: There are questions on the first slide which you may want to ask students to write down their answers to or discuss in small groups in order to compare it to their answers at the end of the activity.• Activity 3: There is a printable PDF of the Fill in the Blank available if you would rather have printouts for your class.• No additional supplies needed.• Works for either independent or whole class engagement.• Please see additional document outlining Colorado's State Standards		