

*D*irections

In this assignment, you will be asked to visit the Western Museum of Mining and Industry near Colorado Springs, CO. The end product includes a poster that displays visual and written record of your trip to the fort.

WESTERN MUSEUM OF MINING AND INDUSTRY FAMILY FIELD TRIP



Location: The Western Museum of Mining and Industry is located north of Colorado Springs opposite the north entrance to the Air Force Academy. Take I-25 south to Exit 156A (You can see the headframe above the stamp mill from the highway). The address is 1025 Northgate Road, Colorado Springs, CO 80921 (719) 488-0880.

Distance: Approximately 60 miles from Denver.

Admission charge: Eight dollars per adult. Six dollars for students over twelve.

Hours: 9:00 a.m. to 4:00 p.m. Monday through Saturday. Free guided tours start at 10 and 1 daily. (Guided tours highly recommended! The guides will crank up the power machinery for you and demonstrate it. It is well worth seeing.)

PART I: SHORT ANSWER: ALWAYS USE COMPLETE SENTENCES

START YOUR TOUR IN THE MUSEUM: (Be sure to go out back and see the stamp mill.)

1. Go to the troughs and start panning for gold. What did you find? Explain.

2. Describe four of your favorite rock samples on display near the gold panning areas. Why did you pick those four?
3. Find the rock sample with the hand steel and hammer nearby. Hammer in the rock for a while. Tell me about the experience.
4. What is a “jackleg”? What does it do? How is it powered? Describe it.
5. Explain how wooden timbers are used inside a mine.
6. Find the assay office. Name five things in the office that you can identify. Name three things in the office that you would like to know more about.
7. Find the exhibit where the rock face is ready for blasting. Describe what the face looks like. What did you learn from this exhibit?
8. Find the model of a stamp mill. Tell me what is inside.
9. Find the Corliss steam engine. Describe it. What did you think of it?
10. Describe two other mining devices that you did not learn about in class.
11. Go out back and tour the stamp mill. List three things you learned from seeing the stamp mill. List three things you want to know more about.

PART II: ESSAY SECTION:

When you are done with the short answer section, write a solidly composed fourteen-sentence essay on the following topic:

Describe your trip to the Western Museum of Mining and Industry. Tell me all about your tour and what you learned from seeing it.

PART III: POSTER SECTION

You are required to create a poster (poster board sized) of your trip to the Western Museum of Mining and Industry that includes the following requirements:

1. An introductory paragraph describing your tour and advice for other students who take the same tour.
2. A “Top Five” list that lists your five favorite activities or places in the Western Museum of Mining and Industry, with number one as the very best and on down. This list must be in clear letters that can be seen easily.
3. Draw me a diagram of the stamp mill with all the major parts of the mill clearly identified and labeled.
4. A visual aides section that includes at least five (5) visual aides. Visual aides could include photographs, diagrams, drawings, or three dimensional objects. Each must be clearly captioned. Each must have a clear connection to the topic
5. A “Did You Know” section that lists five statements about the Western Museum of Mining and Industry that begins with the statement: “Did You Know...”

NOTE: PLEASE SUBMIT PART I AND II IN A FOLDER OR COVER SEPARATE FROM THE POSTER.