Mine Type Information Poster Project

(Individual project)

Each student is responsible a 8 ½ x 11 inch "poster" (the size of a normal piece of typing paper) that contains the following items:

1. Description of how this type of mine functions:
    a. Imagine this poster is given to people taking a tour of this type of mine. What would they see? What machines are put to use? Are there any special things that should be noted? Etc.
2. A figure/diagram:
    a. . This must visually show how the mining process takes place. If the person going on the tour didn't have time to read the entire poster, could the person simply look at this figure/diagram and know how the mining process worked?
3. What minerals, ores, or materials are typically mined in this fashion?
    a. If this is only used for gold mining, say that. If it is used for all different types of materials say that. Each mine type has its own faults and benefits, so make sure that the viewer has an idea of what they use these things for.
4. Environmental issues/impacts associated with this type of mine:
    a. What are the specific problems with this mine type?
    b. Explain each of these issues with a bit of detail.
    c. What steps are being/can be taken to clean up and/or prevent this type of damage from this mine type?
5. Find at least one specific disaster (spill, collapse, deaths, etc.) that occurred with a mine of this type. Give the date and location of the disaster and give a brief summary of what happened.

    • *Only use the front side of the paper (this forces you to be concise!)*

    • *The poster will be graded on the thoroughness of information as well as the neatness and creativity of the poster itself.*

6. Place citations for all information on the back of your poster. Please note citations in text with simple numeral annotations

<u>Mine Types to Choose From:</u>

1. Open Pit Mining
2. Quarry
3. Strip Mining
4. Placer Mining
5. Hard Rock Mining (Underground)
6. In Situ Leach Mining/Solution Mining
7. Mountaintop removal