

## Northern California Mineral & Rock Webquest

Visit each of the websites listed below and answer each question thoroughly.

[http://en.wikipedia.org/wiki/California\\_Gold\\_Rush](http://en.wikipedia.org/wiki/California_Gold_Rush)

1. The California Gold Rush occurred between the years of \_\_\_\_\_ and \_\_\_\_\_.
2. Which parts of California experienced the gold rush?
3. Where, specifically, was gold found?
4. What caused the high concentration of gold in the mountains?
5. How many people moved to California seeking their riches in gold?
6. How did the gold rush start?
  
7. What did the gold rush do to the population of San Francisco?
8. What were the two main techniques for collecting gold?
  
9. List three (3) effects that the Gold Rush had on California's development.

[http://www.consrv.ca.gov/cgs/information/other\\_surveys/](http://www.consrv.ca.gov/cgs/information/other_surveys/)

Under the link for the California Geological Survey on the left side of the page, click "Hazardous Minerals."

10. What are the two hazardous minerals in California?
11. Where are each of these hazardous minerals located?
12. How does mercury become a threat to humans? Be specific.

<http://www.mii.org>

The diagram of the baby on this webpage approximates the amount of natural resources each American consumes from birth to death.

13. For a child born in America today, how many pounds of salt will the child use as it grows up?

14. How many pounds of coal will be used?

15. Brainstorm the ways that each person uses coal throughout their lifetime.

16. How many pounds of gold does each person use or accumulate?

17. How many pounds of lead will be used?

<http://bhs.smuhsd.org/bhsnew/academicprog/science/intsci/intsci.html>

This is our class website - hopefully you've already been here! Click on the Minerals and Rocks unit, and then click on the link for "Common Californian Rocks."

Describe each of these common rocks in the space below. Include the areas in California that they are located as well as any distinguishing characteristics.

Granite:

Serpentine:

Sandstone:

Obsidian:

Marble:

## Identifying Your Rock Samples:

[http://geology.about.com/library/bl/blrockident\\_tables.htm](http://geology.about.com/library/bl/blrockident_tables.htm)

Try and identify if your rock is igneous, sedimentary, or metamorphic and then use the table on this website to help you identify your rocks. View the pictures of each of the rocks and try to identify your six rock samples. Keep in mind that rocks are unique and can look slightly different based on where they are found.

If you think you have identified your rock samples, but need additional pictures to be sure, go to Google and click on images to run a picture search.

### Rock Sample #1

Name:

Location:

Characteristics:

### Rock Sample #4

Name:

Location:

Characteristics:

### Rock Sample #2

Name:

Location:

Characteristics:

### Rock Sample #5

Name:

Location:

Characteristics:

### Rock Sample #3

Name:

Location:

Characteristics:

### Rock Sample #6

Name:

Location:

Characteristics: