



## Gold Prospecting

1. Create a list of equipment used for gold panning. Describe each item and tell what it is used for. The list should include at least the following.
  - a. Gold Pan
  - b. Classifier
  - c. Snuffer Bottle
  - d. Shovel
  - e. Pick
  - f. Bucket
  - g. Trowel
  - h. Pry bar
  - i. Rock hammer
  - j. Crevice Tool
  - k. Drinking Water
2. Define the following:
  - a. Pay Dirt
  - b. Quartz
  - c. Pyrite
  - d. Blond Sand
  - e. Black Sand
  - f. Placer
  - g. Lode
  - h. Nugget
  - i. Flake
  - j. Mercury (historical use) DO NOT USE TODAY
  - k. Dust
  - l. Specific Gravity
  - m. Wet and Dry Panning
  - n. Gold Fever
  - o. Troy Pound
  - p. Troy Ounce
  - q. Penny weight (dwt)
  - r. Grain
3. What are the following identifying characteristics of Gold.
  - a. Specific Gravity
  - b. Color of streak
  - c. Color
4. Where are some good places on a river or stream to look for gold?
5. Make a timeline containing at least 15 items about the history of gold prospecting from 1600 until the present day, including the following rushes: California Gold Rush, Klondike/Yukon Gold Rush, Witwatersrand Gold Rush and the Victorian Gold Rush.
6. Learn about gold panning by doing one of the following:
  - a. Do some gold panning. (preferred).
  - b. Practice panning using flattened lead or tungsten shot mixed with sand (preferably from a river bank).
7. Look up the following verses in the Bible and discuss them in relation to prospecting for gold.
  - a. Matthew 13:44-46
  - b. Matthew 6:19-21

### Skill Level I

Original Honor 2008

## **Gold Prospecting, Advanced**

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1. Have the Gold Prospecting Honor.
2. Describe the following types of prospecting equipment.
  - a. Sluice box
  - b. Rocker box
  - c. High banker
  - d. Bucket dredge
  - e. Suction dredge
  - f. Dry washer
  - g. Trommel
  - h. Beach box
  - i. Metal detector
  - j. Jig
  - k. Shaker table
3. Prospect for gold using at least two of the types of equipment listed in number 2 above to?
4. What government requirements, if any, are there to use the equipment used for number 3 above?
5. What are the advantages or disadvantages of the equipment listed in number 2 above.
6. Pathfinders are supposed to take only pictures and leave only footprints, but prospecting requires moving rocks and digging large holes. How can you reconcile these two conflicting requirements?

### **Skill Level 2**

**Original Honor 2008**