



## 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. What government requirements, if any, are associated with the equipment listed in number 2 above?
4. What are the advantages or disadvantages to the equipment listed in number 2 above?
5. Use at least two of the types of equipment listed in number 2 above to prospect for gold.
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**