Use your "Grand Canyon Rock Lineup" and FOSS Science Resources to answer these questions.

1. How far apart are the sites at Mile 20 and Mile 52?
2. What is the elevation of the river at Mile 20?
3. What is the elevation of the river at Mile 52?
4. Which way is the Colorado River flowing, from Mile 20 to Mile 52 or from Mile 52 to Mile 20? How do you know?
5. Which rock layer is at river level at Mile 20?
6. Which rock layer is at river level at Mile 52?
7. Why do these two sites have different rock layers exposed at river level?
8. Suppose you were in a boat on the river at Mile 20 and you could drill down into the rock under the river. What kind of rock would you expect to find? Why?
9. Suppose you stopped at Mile 36 along the Colorado River in the Grand Canyon. Which rock layer would you expect to see at river level? Why?

Correlation Questions

- Level 1
  - Which rock layer would you expect to see at river level?
  - Why?
  
- Level 2
  - Why do these two sites have different rock layers exposed at river level?
  
- Level 3
  - Which rock layer is at river level at Mile 20?
  
- Level 4
  - Which rock layer is at river level at Mile 52?
  
- Level 5
  - Which rock layer is at river level at Mile 20?
  
- Level 6
  - Which rock layer is at river level at Mile 52?