Understanding Geologic Time

- 1. How long would a book of the Earth's history be? How long would it take to read? How long at top speed?
- 2. List the important events that are bookmarked for you and their dates:

- 3. What do we use to organize the events of what has happened in today's history? Are we seeing *relative* or *actual* dates or both? When was sliced bread invented?
- 4. We do the same thing with the history of Geologic events. Are the events *relative* or *actual?* Why?
- 5. Where is this information recorded? Where are the oldest fossils located? There is a name for this, what is the Law this is called?
- 6. Search for the fossils in the mountains. What fossils did you find? Which is the oldest? Why?
- 7. What is the difference between using law of superposition and radiometric dating?

- 8. In the vertical geologic timescale, does it use relative or actual dating, or both?
- 9. Give a summary of the sections of the geologic timescale. What is each section divided into, what does the word mean (if applicable), and give an example of the type of life found in that era. Use an extra sheet of paper if necessary.

10. Take the quiz at the end of the webquest. Write your answers here. What was your score?