Earth	Science
Clark-	Pohlod

Name		
Date	Period	

Investigating Earth's Surface

Answer the following questions as you watch each of the video segments.
GPS Technology 1. What does GPS stand for? Where is GPS used?
2. What is GPS technology?
3. How do cartographers and earth scientists use GPS technology? How do sailors and emergency service providers use GPS technology?
What are some specific uses of GPS technology that improve the lives of humans and other animals?
<u>Cave Formation</u>5. Have you ever been inside a cave? What evidence do caves have of past and present life?
6. What does the inside of a cave look like?
7. What are stalagmites and stalactites? How are they formed?
8. What is erosion? What is deposition? How have both contributed to cave formation?

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9. Where is the Grand Canyon? What body of water runs through it?
10. How did water, wind, volcanic activity, and shifting tectonic plates help create the Grand Canyon?
11. How old is the Grand Canyon?
12. What do rocks and fossils in the Grand Canyon reveal about its geologic history?
13. Where are examples of erosion that occurred over long periods of time? Where are examples of erosion occurring now?
14. How do rivers and oceans shape Earth's landscape?
15. What significant changes in the Earth's surface are found in the United States? How did they occur?
16. How does studying the history of Earth's surface help scientists make predictions? Why is this important?