

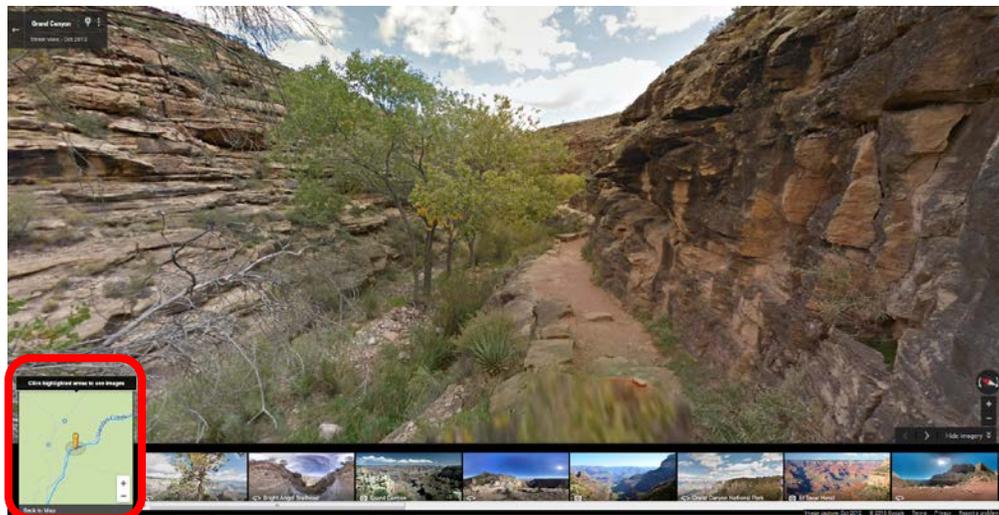
Geology virtual field trip example assignment

For this exercise, you will identify at least two geologic formations and summarize their primary identifiable characteristics.

To start, visit [Google's Grand Canyon Trek](#). This allows you to "hike" the entirety of the Grand Canyon's Bright Angel Trail using your keyboard or mouse. You can pan up and down as well as left to right for full, 360-degree views of each location along the trail. You can move forward or back slowly using the arrows on the screen or on your keyboard, or make larger movements by selecting an "x" when it appears further ahead on the trail.



You can also navigate and jump between locations quickly by using the inset map feature in the lower left corner of the screen. This may be particularly helpful if Google's movement simulation is uncomfortable for you.



Research

Navigate to different locations along the Bright Angel Trail. Using the pan and zoom options, investigate the geologic formations in the images.

Select at least two different formations and take representative screenshots of each. You may need to explore different areas to find suitable shots; blurry or haphazard images are not acceptable. For each formation, note the following:

- Formation name
- Type of rock
- Method of formation
- Approximate age
- Fossils expected (if any; if none, explain)

Discussion board entries

In an initial discussion board post, summarize the data from your research for each of the two formations. Include your screenshots, but resize in them (preserving aspect ratio) to no larger than 450x450 (see tutorial for assistance). You may use bullet points and incomplete sentences, but be sure to provide all of the information outlined above and clearly identify the two formations you have selected.

After your initial post, review your group members' posts. Identify two separate group members who selected at least one of the same geologic formations as you did; in a response to each of their initial posts, explain why you selected the formation you have in common, and answer the following questions:

- Have you seen this type of rock in person? If so, where?
- Does this type of rock exist in any locations near you? If so, where? (This may take some quick internet searching, but should be easy to do.)