

Cave Formations and Information

You will be assigned or given an opportunity to pick a specific and famous cave. You will create a Google Doc that is shared between you, one other person, and myself. Below is a list of several formations that can be found inside caves. You need to find images of all the formations and include them in your Google Doc. Insert an image of each formation with a caption on it.

Helicite	Stalactite	Stalagmite	Flowstone	Cave Popcorn
Soda Straws	Draperies	Cave Bacon	Columns	Boxwork

Below are several questions of interest about your cave. You will need to choose 6 of those questions to answer and include them in your document.

- How much does it cost to enter?
- What are 3 highlights/interesting facts about the cave?
- What does the cave look like? Include two pictures of the cave.
- What are some of the cave formations found in the cave? Include 5 images of some cave formations found in your assigned cave.
- Where is it located? Include: Country, State/Province, nearest town
- Can you free spelunk? Can you explore the cave without guides?
- Are there any tours available, if so pick one and describe it.
- What types of rocks are in and around the cave?
- How deep/how long is the cave?
- What are the hours of operation?
- What is the average temperature inside the cave?
- What is the cave's official website address?
- What are some of the organisms found in cave? Must have two. Include images.
- What are some other attractions around the cave that visitors can participate in? Name and describe at least two.
- What is the height and width of the largest cavern?
- How old is the cave?
- When and who discovered the cave?
- What type of mineral crystals have been found in the cave?
- What is the cave famous for?
- What historical significance is tied to the cave?
- What type of fossils can be found in the cave?

As you investigate your cave, you can create and choose your own questions. Please get approval from me before investigating a different question. It might be one we want to add to the list.

Teacher Reflection and Procedure

- In this assignment students can either work in pairs or by themselves. This assignment can take up to about a day and a half and that's ok because the second half of the second day, is when I have the students tell the class a little bit of their assigned cave.
- I randomly select students to choose a cave. I have also randomly picked a cave for each student. Either way work. I prefer them selecting the cave. I try not to have more than one group work on a single cave. In other words I want all 18 caves assigned out. Below this sheet is another sheet with all the caves. It might work to just hand them a piece of paper with a cave name on it. I have mine listed on the SmartBoard and then as student groups select a cave I black out that cave so that it doesn't get chosen again. I have also used it where I have groups draw a name out of a hat.
- Even though I have questions premade for students to look up, I allow them to create their own if I find their questions worthy. Most of the questions above have come from student suggestions.
- I do make every student find a picture of the common cave formations so that they all know what they look like.

PDFill PDF Editor with Free Writer and Tools

Cave Names

Meramec Caverns	Kartchner's Caverns
Carlsbad Caverns	Mammoth Cave
Caverns of Sonora	Luray Caverns
Niagara Cave	Cango Cave
Jewel Cave	Ohio Cave
Blanchard Caverns	Lost Sea Caverns
Wind Cave	Onondaga
Waitomo Caves	Eisriesenwelt Cave
Reed Flute Cave	Skocjan Caves

EducationaResource.org