

## Project Plan 1

Name: Nelli Plokhova

Date: 3/11/19 Grade/Ages: kindergarten

Placement: Classroom

**Exhibit/Focus:** Preparing children to go to cave in Arboretum at CHILDHOOD'S GATE CHILDREN'S GARDEN

**Circle when Tech will be used:** plan 1 plan 2 plan 3 All plans

**Brief description of how it will be used:** When preparing the students to go to the museum I will use my computer and a slideshow of the museum so that they can get familiar with the place.

**P1-** Slide show link: <https://spark.adobe.com/page/oazcvWDIDbBZN/>

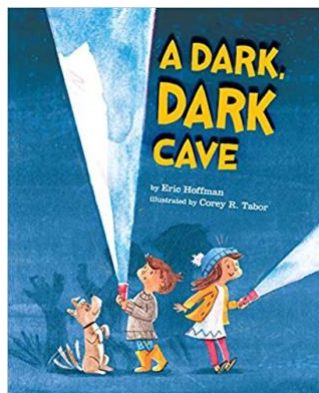
**P3-** Children will create an online book through bookcreator.com  
<https://read.bookcreator.com/6dgoB9i344XPECtdJINO9UDPaHK2/zMT94T5aRDawvgVPPC69Yw>

**Topic:** What's in a cave?

Help students understand what a cave is, what lives in the cave and that they're a part of nature.

**Purpose of the Activity:** The purpose of this activity is to help the children understand the world around them and help them love nature instead of being afraid of it.

**Materials:**



- Easel and Big Note Pad
- Markers
- Book
- Computer with slideshow of pictures



### Presentation (Intro, Content, Closure, etc.)

Intro: I would start off the lesson by handing out construction paper and markers to the children and ask them to draw what comes to mind when they think of a cave. I would want them to draw their feelings when they think of a cave as well. I would ask: “What do you think of when you hear the word cave? Have you ever been on one? Can you please draw what animals you would see in a cave?” and so on.

Content: Then I would ask them to share what they think about caves and what they have heard or seen about them. I would make a T-chart a before and after column. In the ‘before’ column I would list what the children think before the visit.

Then I would read the book called: *A Dark, Dark Cave* by Eric Hoffman.

Book description: “On a cold night, under a pale moon, a brother and sister explore a dark, dark cave. Strange creatures skitter along the walls while bats brush past. A wild howl makes the cave feel just a teensy bit darker. But readers are in for a delightful surprise when a beam of light reveals a softer side of the cave.”

Closure: To end the lesson I would show a slideshow containing pictures of the Arboretum and the Children’s Garden. After the slide show I would prepare the children to go to the actual cave by asking what behavior is and is not acceptable when we are out on a field trip.

### Accommodations

One accommodation that I might need to make for this activity is if there is a child that does not have a desire to draw what they are feeling. I have come across this situation before, in this case I would let them draw anything they want, free style, as long as it had to do with a cave.

### Evaluation (Check for Understanding, Things to do differently next time, etc.)

I would see if the lesson was successful by looking over the different art the children created and by asking the students one on one what they took away from the book through casual conversation.

### Resources

1. Childhood's Gate Children's Garden. (n.d.). Retrieved from <https://arboretum.psu.edu/involvement/make-a-gift/major-gifts/childrens-garden/>  
-This is the PSU website that talks about the limestone cave. This is good for pictures and information for me.
2. <https://study.com/academy/lesson/cave-facts-lesson-for-kids.html> → What's in a cave, and how they are formed.
3. Fun Cave Facts for Kids. (2018, August 31). Retrieved from <https://easyscienceforkids.com/all-about-caves/> → These are fun facts that would excite the kid

## Project Plan 2

Name: Nelli Plokhova

Date: 3/12/19 Grade/Ages: K

Placement: Arboretum at PSU

Exhibit/Focus: Limestone cave

Circle when Tech will be used: plan 1 plan 2 plan 3 All plans

**Brief description of how it will be used: no tech in this plan:** When preparing the students to go to the museum I will use my computer and a slideshow of the museum so that they can get familiar with the place.

**P1-** Slide show link: <https://spark.adobe.com/page/oazcvWDIDbBZN/>

**P3-** Children will create an online book through bookcreator.com  
<https://read.bookcreator.com/6dgoB9i344XPECtdJINO9UDPaHK2/zMT94T5aRDawvgVPPC69Yw>

Topic: What's in a cave?

Purpose of the Activity: The purpose of this activity is for the children to go into the cave and explore for themselves. They would keep an eye out for the animals and critters that were mentioned in the book.

Discuss the Linkage to Plan 1: As I mentioned earlier, the children would use prior knowledge from Project Plan 1 to see if they can see any animals or critters that they recognize from the book that we read in class. There are bats made of brass in the case, and other little sculptures.

Materials: Flashlights, paper and markers, cameras.

### Presentation (Intro, Content, Closure, etc.)

**Intro:** Before heading out to the Arboretum I would remind the children how to act in the cave. Then I would ask them to keep an eye out for anything they recognize because they will be drawing a picture of it later.

**Content:** I would break the children into small groups and give them flashlights, the groups will be accommodated with a chaperone. I do not want too many children in the cave at the same time because it might get hectic and they would get off track. They would talk around the cave with a flashlight and see what they can find. Then I would give out paper and have them draw what the cave was on the inside. I would also have cameras with me that children can use to take pictures of their findings, so they do not forget.

**Closure:** When we would come back into the classroom the children will compare their before and after pictures. Then we would come back to the carpet to our T-Diagram and talk about what they think of caves after the field trip. I would ask what they say, what they heard, and so on.

**Accommodations:** Since we are out of the classroom, I would have to make accommodations for children who would have a hard time focusing or behaving as well as they should by placing them in a group that I can keep an eye on. I could also put them into a group of children that would help them stay focused and the chaperone would be able to help redirect the child. I would give the chaperones clear instructions on how to deal with certain behaviors, what is appropriate and what is not.

**Evaluation:** Check for Understanding, Things to do differently next time, etc.

In order to see if the activity was successful, I would walk around the classroom and talk to the students. I would ask what they remember from the trip, and what they learned about caves. I would jot down what they say. I would go back and have the children compare and contrast their pictures from before the cave experience and after to see what they have learned. I would also look at the pictures that the children took to see what the experience was like from their perspective.

### Resources

<https://www.coolkidfacts.com/caves/> → These are more facts about caves that I could share with the children when we are reflecting back in the classroom

<https://www.nps.gov/ozar/learn/education/index.htm> --> this is information for me as a teacher that is valuable to know about caves.

<https://www.nps.gov/ozar/learn/education/make-cave.htm> --> comparing bats and birds!

### Project Plan 3

Name: Nelli Plokhova

Date: 3/11/19 Grade/Ages: kindergarten

Placement: Classroom

Exhibit/Focus: Preparing children to go to cave in Arboretum at CHILDHOOD'S GATE  
CHILDREN'S GARDEN

Circle when Tech will be used: plan 1 plan 2 plan 3 All plans

**Brief description of how it will be used:** Summarize what the children have learned from the project over the past few days and put it all into an online book through bookcreator.com.

**P1-** Slide show link: <https://spark.adobe.com/page/oazcvWDIDbBZN/>

**P3-** Children will create an online book through bookcreator.com  
<https://read.bookcreator.com/6dgoB9i344XPECtdJINO9UDPaHK2/zMT94T5aRDawvgVPPC69Yw>

**Topic:** What's in a cave?

Summarize what students have learned about what a cave is and what lives in the cave.

**Purpose of the Activity:** The purpose of this activity is to help the children understand the world around them and help them love nature instead of being afraid of it. Arboretum at PSU. See if their understanding of a cave has deepened and if they might have changed their thinking about the subject.

Discuss the Linkage to Plan 1 and 2: I will be referring back to the book and back to the trip that we took to the arboretum to help the students tie everything together.

I will have the book available to the children to see if they want to refresh their memory on what they learned in class. I would have the pictures they took from the field trip

Materials:

1. YouTube video of a song that will help reinforce how a cave is formed.
2. Laptop and projector for me to guide the students through when needed.
3. Laptops for the students, and the pictures that they took on the field trip.

Presentation (Intro, Content, Closure, etc.)

Intro: First I would play this YouTube video to grab the children's attention:

<https://www.youtube.com/watch?v=sUsjrCelsNg>. Then I would start off by asking the children about what they remember from the field trip to the limestone cave at PSU. I would also reward positive behavior (those who did well on the fieldtrip) so that the students could see and understand what an acceptable way is to act on a fieldtrip. I would ask open ended questions such as: "what kinds of things did you find in the cave?" "how did being in the cave make you feel?" and so on, in order to start a discussion amongst the students and me.

Content: Now is the time when I would introduce the Book Creator website to the students and show them that they will be making their own books. Then I would give them time (around half an hour to 45 minutes) to create their books. They will have access to their pictures that they took, google pictures and the book to remember what they learned about caves. On the last page I would encourage them to write one fact that they learned about caves that they never learned before.

Closure: Look through the books as a class, maybe watch the video one more time to help the children remember the words. Print out the books for the children so they may take them home.

Accommodations: If I have a child that has a hard time using a computer on their own, I would allow them to partner up with another student. This would allow them to learn from one another and reinforce the information so that they would remember it longer. Of course, if the child would still be hard time then they could ask me for help.

Evaluation (Check for Understanding, Things to do differently next time, etc.)

I would check for understanding by looking over the books that the students created. It would help me to understand what they took away from the entire project and to see what they enjoyed the most. I would also allow the children to share their book in front of the class, print them out and send them home with them. Then I would take that information to see what I could expand on in the future. For example, if the children were really interested by the bats, then I would do

another project of nocturnal animals. If they were interested by the cave itself then I would expand on other rocks and crystals.

Resources:

1. <https://www.youtube.com/watch?v=sUsjrCelsNg> → Cave song for children.
2. [www.google.com](http://www.google.com) → Children can use the web to find pictures of bats or caves that that they would like to include in their book.
3. Bookcreator.com → the website that will be needed to create the books. It's free!

Student example:

<https://read.bookcreator.com/6dgoB9i344XPECtdJINO9UDPaHK2/zMT94T5aRDawvgVPPC69Yw>