

Expedition: Caves of the Dominican Republic

Timeline: 8 weeks

Grade: 7th

Guiding Questions:

- What are caves and how do they form?
- How important is to preserve our caves in Dominican Republic?
- What are the main problems that caves are facing in Dominican Republic?

Learning Targets:

- I can explain the natural process of how different caves are formed.
- I can teach others how to preserve caves.
- I can explain how our ancestors used caves in their daily life.

Semester: Spring

Week	Language	Math	Science	Social Studies	Art/Music	Computer	Biblical Int.
1	Story writing related to caves.	Cave dimensions, calculations, and measuring.	Video introduction to caves “Planet Earth featuring World caves”	Map of Dominican Republic’s caves. Highlights of caves that contain Taino art.	Taino art drawings.		God’s creations are amazing.
2	Video script writing and rehearsal.	Bat population inside caves and guano production percentages.	BBK about caves worldwide.		Taino art creation with 3D templates. Printing on paper using template.		
3			Cave expert speech about caves and the Tainos.				
4			Caves formations.				
5			Fieldtrip to caves at San Cristobal’s cuevas del Pomier.				
6			Cave knowledge assessment.				
7			Filming Cave video news forecast style.				
8			Expedition night presentation at classroom turned into a solution cave.				
9							
10							
11							

Products:

- Art projects.
- Educational video “News forecast style to present to parents”

Service Projects:

- Safe care about caves explained to Video audience.