African AR Scavenger Hunt

Created by: **Kimberly Mattina & Matthew Tatur**

Timeframe of activity: 60 min. 2 class periods: 1 class for the Cleverbook activity and 1 class for the Google Expedition activity

Tags: Geography, Africa

Grade Level: Grade 7

App/Tech Tools: Cleverbooks Geography App, iPad, Chromebook, and the Africa Marker

Additional materials: Project iPads to the TV's, Jamboard, Google Forms Quiz, Google Expeditions, Google Search, Calculator, Google Maps

Learning Objectives:

- I will be able to define and explain the difference between AR and VR.
- I will be able to explore Africa using the AR Geography app.
- I will be able to tour Africa using Google Expeditions.

Lesson Activity:

• Students were paired together and each group had an iPad and an Africa marker.

• Each student had their own Chromebook to document their findings.

Part 1:

- Students were introduced to the Cleverbook app and were instructed to navigate it properly.
- Afterwards, students used the app to explore Africa to complete the scavenger
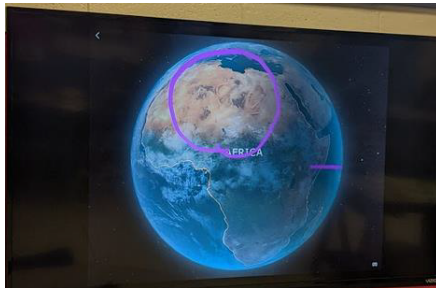
hunt. The scavenger hunt consisted of 8 questions.
- They explored different parts of the land, obtained knowledge of the terrain, vegetation, animals, population, and popular landmarks
- The scavenger hunt questions were displayed on the Jamboard.
- The students used their Chromebooks to document their answers and to use other tools such as Google Maps, and a calculator to answer the questions.

Questions outline:

1. What country is the largest in area?
2. What country has the highest population?
3. What country has the smallest population?
4. What native African animal is called "The Ghost of the Forest"?
5. How many different plants are native to Africa?
6. Using the political map, find the total population of Mali, Ghana, and Niger.
7. Create a list of all the islands around Africa.
8. How many countries are in the Sahara Desert?

Once completed, students were held accountable by answering questions using a Google Forms quiz.

Part 2:

- Students explore Africa using virtual reality tours in Google Expeditions.

Additional Ideas :

- Students can use Google Earth in conjunction with this app to obtain more details about the countries in question.

- Students can explore Africa and come up with their own questions.

Resource :

- [Jamboard presentation](#)
- [Google document questions](#)
- [Google Forms quiz](#)