

Comparing the population and area of different countries of any continent and finding the reasons of more or less population



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Timeframe of activity: 30-40 min

Tags: World Map, Social Science, Geography, Maths

Grade Level: 7-8

App/Tech Tools: CleverBooks Geography App, device (phone/tablet)

Additional material: Clever Books World Map

Learning Objectives:

Check the population of different countries of Africa and compare with the population of your country. Also try to investigate the reasons of low population of few places in comparison to others.

Using the inquiry based learning and mathematical abilities the following topics are done:

- Knowing the names of different countries of Africa with their capitals
- Creating a table of the names of countries, their size and population
- Plotting a Bar Graph to compare the population of each country
- Investigating whether the climate has any role in the population of any country
- Finding the name of the country with maximum and minimum population

The students are encouraged to work in the small group to find answers to questions; initiate discussions on each topic, discover and analyze data; and communicate findings and decisions.

This team activity develops collaboration, critical thinking, information search and public presentation.

Lesson Activity:

Using AMP Box method divide the whole class in teams of 3-4 students. Each team should have Clever Books map of the World to work with.

Now the main question is why few places have low population but others are overcrowded?

Initiate student's iteration with the World map and navigate them through the discovery process with suggesting to:

- Place the tablet/mobile on the Clever Book World Map and in the Political view note down the different countries of any continent for example Africa. Zoom in and Zoom out to check the names of the counties also hear the names of the countries and try to spell the names with correct pronunciation.
- Zoom in and out to note down the population and area of each country of Africa
- Check the weather condition of each country by selecting the weather icon
- Draw the bar graph on the graph paper and note the name of the country which has maximum and minimum population
- Also note the name of the country which has largest area and smallest area with the help of the bar graph
- Analyze if the country with the largest area is the most populous country or not.
- Also write the weather condition of the place with largest population.

Questions outline:

Explore the idea with other continents and write the names of the countries of Asia, Europe etc.

- Note the capital of each country and check the famous monument in that country
- Draw the bar graph of the area and population of the countries of Asia and Europe
- Check the country with largest population in Asia and Europe
- What is the weather condition of these countries?
- Name the famous animals of these countries?
- Check the flora and fauna of these countries? Do you find any similarity?

Additional Ideas (optional):

For inclusiveness in the class i.e., students with special needs are also taken care by the AR model of the World Map as these students could visualize the places and understand the pronunciation of all the countries. As for hearing impaired students the app can spell the names as many times till the student is able to correctly pronounce the names. Also, the students can see the 3D model of the animals, weather and other details therefore they can understand the topic very easily. Even the students who are visually impaired they can understand by hearing the names. Otherwise teaching Maps is very difficult for visually impaired students.