

Population vs. Natural Resources in Nigeria

Dr. Kay Weller – UNI

Grade Level (Req.): 7th-12th grade	Content Area (Req.): World Geography	Unit (Opt.):
Connections to Other Disciplines (Opt.): <ul style="list-style-type: none"> • • • 		
Time Frame (Req.): 1 class period	Goal (Req.): To learn how population is affected by natural resources and vice versa.	
	Objective (Req.): Students will generate a map showing the location of oil production and tin production in Nigeria and one showing the location of population centers/settlements in Nigeria. Students will write a one to two page analysis of the maps.	
Materials Needed (Req.): <ul style="list-style-type: none"> • Blank maps of Nigeria • Mapping software of your choice • Atlases or map of Nigeria showing population centers/settlements, topography, location of tin mining on the Jos Plateau, and oil production within the Niger Delta • Click here to enter text. • • • 	New Vocabulary (Opt.): <ul style="list-style-type: none"> • • • • • 	
Anticipatory Set/Introduction [Inquiry Question is required] (Req.): How does population centers/settlements vary in relation to location of natural resources in Nigeria?		
Instructional Sequence/Procedure (Req.): <ol style="list-style-type: none"> 1. Have students generate two maps (electronically or by hand). One should show the location of oil and tin production in Nigeria. (Oil production is located in a 350 sq. mi. section of the Niger Delta tin production is located on the Jos Plateau.) The other map should show major population centers or settlements in Nigeria. Maps should include a legend and compass rose. 2. Based on the map data explain in written form possible consequences of the location of oil production and tin mining in Nigeria on the people of those regions. 3. 4. 5. 6. 7. 8. 9. 10. 11. 		

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Formative Evaluation (Req.): Class participation

Assessment (Req.): Maps should be graded for neatness and information conveyed. Paper should be graded for an accurate analysis of the comparison of maps.

Iowa Core Curriculum Standards Used (Req.):

- Geography, grade 9-12: Understand the use of geographic tools to locate and analyze information about people, places, and environments.
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Common Core Curriculum Standards Used (Opt.):

- Writing, grade 6-12: Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
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NGS Standards Used (Req.):

- How to use maps and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective
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Five Themes of Geography Used (Req.):

- Location
- Place
- Human-Environmental Interaction
- Region

School District Standards and Benchmarks (Opt.):

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21 st Century Universal Constructs (Opt.):	
Other Disciplinary Standards (Opt.): • • • • •	
Other Essential Information (Opt.):	
Other Resources (Opt.): • • • •	