Name:	
i tallic.	

Lab: Environmental Justice

Background: The EPA defines environmental justice as "the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies." The EPA created an Office of Environmental Justice in 1992 and in 1994 President Clinton signed an Executive Order for Environmental Justice. Surely 30 years later it's all fixed, right? Let's see.

management technics treatment Deepsile Constitution and C

Pre-Lab Questions:

- 1. What is meant by environmental justice?
- 2. Who is most susceptible to environmental racism?
- 3. How is pollution related to environmental justice?

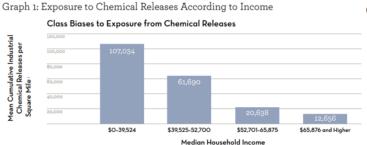
Analysis Questions:

Evaluate the following graphs relating exposure according to income. (source: www.tolerance.org)

of Sites per Mile

þer

Chemical Releases Square Mile



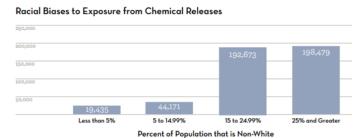
Graph 2: Exposure to Hazardous Waste Sites According to Income



4. What relationship do graphs 1 and 2 show between income and exposure to pollution?



Graph 4: Exposure to Chemical Releases According to Race



- 5. What relationship do graphs 3 and 4 show between race and exposure to pollution?
- 6. What can you infer from the data shown in these four graphs?

Watch this video, *Environmental Justice Explained*, and answer the following questions:

- 7. What would you expect to see in a community with environmental justice?
- 8. What does the narrator mean when she says some issues can be traced back to "poor land use planning"?
- 9. What are some differences in land use between wealthy and poor areas?
- 10. What is the difference between an environmental justice issue and an environmental issue?

Jigsaw Activity: Divide the following examples of environmental justice among your table, investigate, and then report back to the other table members as you complete the chart.

LOCATION	SUGGESTED SOURCES (you are welcome to search on your own)	CONTAMINANT AND ITS SOURCE	DESCRIBE THE PROBLEM	WHAT MAKES THIS AN ENVIRO JUSTICE ISSUE?
Cancer Alley, LA	Article Video			
Flint, Michigan	Article Video			
Navajo Nation, AZ	Article Video			
Jackson, MS	Article <u>Video</u>			

North Carolina is often considered the birthplace of Environmental Justice. Check out what happened in 1982 in Warren County, NC. (article and video)

- 11. DESCRIBE the issue in Warren County. (contaminant, source, who were the protesters, etc)
- 12. What is the significance of this event in terms of the fight for environmental justice?
- 13. <u>Compare and contrast</u> what might happen if it were announced that two new landfills were going to be built in Wake County: one near Green Hope High School and one in downtown Raleigh, near Rock Quarry Rd and Martin Luther King Blvd. Use <u>THIS MAP</u> and then zoom into Wake County to examine the socioeconomic indicators and then click on the various indices before writing your <u>2-3 sentence response</u>.
- 14. Using the same map as in #13, find the location of the site you chose in the Jigsaw Activity above. Investigate each of the indices on the left side of the map (enviro justice, supplemental indices, pollution & sources, socioeconomic indicators, health disparities, critical service gaps) and write a <u>statement about EACH</u> of the six indices for that area as compared to the greater surrounding area.