

Name: \_\_\_\_\_

Period: \_\_\_\_\_

## Air quality

The economies of both India and China are growing very quickly. Unfortunately, increasing pollution emissions often accompanies growing economies. India now has many of the top ten most polluted cities in the world. Most of the pollution is caused by burning of coal as an energy source, and inadequate emissions controls in cars and trucks. China and India are exploring the use of renewable energy, however their tremendous need for energy leaves them with few options. The Natural Resources Defense Council's China Clean Energy Program estimates that China will need to add the equivalent of 300 mega-watt power plants every week for the next 45 years just to satisfy current demands (Time Magazine, April 3, 2006). Many are worried of another "great smog" occurring in China or another country dependent on coal.

**Investigate the air quality in a country besides the United States. Choose a country you would like to explore and have it okayed by Mrs. Reese.**

**For the country selected, prepare a 10-minute presentation that addresses the following:**

- Show the location of your country on a map. \_\_\_\_\_/ 5
- Describe the average yearly climate in that region. \_\_\_\_\_/ 5
- Describe how the government reports the air quality data, and compare that to the way the U.S. EPA reports air quality data. \_\_\_\_\_/ 5
- What are the "responsible pollutants" in your country? \_\_\_\_\_/ 5
- Are the pollution levels higher or lower than the levels that occur in the United States? \_\_\_\_\_/ 5  
[https://www.numbeo.com/pollution/compare\\_countries.jsp](https://www.numbeo.com/pollution/compare_countries.jsp)
- Are there any specific reasons that contribute to the city's or region's air quality issues? Are there stringent air quality regulations? Or no regulations? \_\_\_\_\_/ 5
- What are the main energy sources used in the country, coal, oil, natural gas, etc? \_\_\_\_\_/ 5
- Find a current event news story about air quality for the country you selected and summarize it. \_\_\_\_\_/ 5

Total: \_\_\_\_\_/ 40

