

Air Pollution Case Study

1. What is the correlation between poor air quality and a child's IQ?
2. How dramatic was the difference between low IQ and normal IQ children?
3. Was the difference between normal and low IQ actually significant?
4. What was the finding about rich kids and their grades in school as opposed to poor kids?
5. What does air pollution do to a human's body?
6. Do you think that humans could have genius level IQ's if they weren't exposed to chemical pollution? Why or why not?
7. Besides a reduced IQ, what other symptoms were associated with exposure to air pollution?
8. How much worse is indoor air pollution than outdoor air pollution?
9. Why is indoor air pollution worse than outdoor air pollution? What chemicals are present?
10. What traps the pollutants in the home, making them extremely dangerous?
11. What percent of air can be purified by indoor plants?

12. What are some chemicals that are removed from the air by indoor plants?
13. List 3-4 places that formaldehyde is found in a common household? What does it do to humans?
14. What does benzene cause in humans? Where can it commonly be found?
15. List at least 3-4 plants that you should have in your home to detoxify the air?
16. What does air quality do to a person's life expectancy?
17. How many cities were tested in this experiment? How many years did the life expectancy increase by? How much of this increase can be attributed to air pollution?
18. What quality of air pollution allows it to enter the bloodstream so easily?
19. What were common symptoms found in people who lived near heavy traffic?
20. Overall, what were the findings about good air quality and life expectancy?
21. Write **10-15** sentences about your opinion on air quality in the US and what you think should be done.