

## Grade 6 Air Pollution Research Project

**Goal:** Using the AQI map, compare and contrast two cities (one with a low AQI and one with a high level). Choose your cities from this website: <https://waqi.info/>. The AQI for each city will change from hour to hour, day to day, etc. Record your numbers on one day and then move forward with your research.

1. What are the specific causes of the air pollution index (AQI)? (Why is the number low or high?)
2. What is the impact of the level of air pollution on the city? (What result does it have on people and their quality of life, animals, the environment, etc.)
3. What is the city doing to help reduce air pollution or continue to have a low AQI? If the city is not presently doing anything to help reduce air pollution, what should they start to do? (You can look at other cities for examples of projects).

### **Format:**

Your project should be presented as a 2-3 page research report. It should be typed (size 12, Arial or Times New Roman, double-spaced, 1" margins). Include the following:

1. A title page (include your name, assignment name, teacher name, and date)
2. Introduction- Introduce each city that you chose, where it is located, and why you chose it.
3. Question 1: Include the question first and then your answer below. Have one paragraph for your first city and then a second paragraph for your other city. Make sure you state the AQI number for each city in your answers. Include a picture/photo/graph/chart that explains what you discuss in each paragraph (remember to credit the photo in your bibliography)
4. Question 2: Include the question first and then your answer below. Have one paragraph for your first city and then a second paragraph for your other city.
5. Question 3: Include the question first and then your answer below. Have one paragraph for your first city and then a second paragraph for your other city.
6. Bibliography