



Air Pollution: What's the Solution?

Student Worksheet:
What is your Air Quality?

Name: _____

Group: _____

What is your Air Quality?

PART 1: TYPES OF AIR POLLUTANTS

1. Review the information in the Major Air Pollutants table and the EPA's Six Common Air Pollutants web site and answer the following questions:
 - a. What are the most common sources of the major air pollutants?
 - b. How does air pollution affect people and the environment? List at least two effects.
 - c. Can air pollutants still harm you if you cannot see or smell them?
 - d. How do you think you might be able to protect yourself from harmful air pollutants?
 - e. Which pollutants are directly released into the air?
 - f. Which pollutants are not usually directly released into the air?

PART 2: AIR QUALITY

1. Visit the AIRNow web site.
2. Select the state and area where you live from “Local Forecasts and Conditions” at the top of the page to find the closest monitoring station and answer the following questions:
 - a. Which major air pollutant at this time is considered the "Primary Pollutant"?
 - b. What is the AQI color and what is the Cautionary Statement that goes with that color?
 - c. How do you think you might be able to use the real time data to help protect yourself from harmful air pollutants?