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Activities

Smog City

Name: _____ Date: _____

The quality of the air we breathe is improving. But there's still lots we can do to make it cleaner and healthier. In this Planet Diary activity, you'll be the boss of Smog City. You'll need to make some tough choices about improving its air.

Directions

- Go to the Smog City air pollution simulation. Read the *Welcome*. Then click Visitor's Tour Guide for background info. Answer Workspace questions 1 and 2.
- How You Control a Day in Smog City explains how to set Smog City's controls.
- Scroll down the page to *AQI (Air Quality Index)* and *Total Emissions* Use the information and the glossary to answer questions 3 through 6.
- As boss of Smog City, you're first job is to protect the city from Particle Pollution.
- Your second job is to reduce Ozone. The residents of Smog City will all breathe easier if you succeed!

Workspace

1. What health problems are linked to your answers to polluted air?

2. List the major sources of emissions of pollution.

3. How does particle pollution form?

4. How does ground-level ozone form?

5. What does the AQI chart show?

6. What do the colors on the emissions graph show?

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