Properties and effects of atmospheric pollutants: Worksheet 9.11.1

Air pollution

1. Both *power stations* and *cars* release pollutant gases. Match each of the following gases to its main source:

a. Carbon monoxide

b. Oxides of nitrogen

c. Sulfur dioxide

1. Pollutants cause different environmental problems:

**A** Kills aquatic life **B** Kills plants **C** Poisons people **D** Erodes stonework **E** Causes smog

Match each of the following gases to the main problem(s) it causes:

a. Carbon monoxide \_\_\_\_\_

b. Oxides of nitrogen \_\_\_\_\_

c. Sulfur dioxide \_\_\_\_\_

1. Some power stations burn coal. To reduce pollution, sulfur dioxide is removed from their waste gases. Why does burning fossil fuels produce sulfur dioxide?

1. Name the gases that catalytic converters remove from car exhausts.