Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Carbon Dioxide (1)**

What is the biggest source of carbon dioxide?

Why are fossil fuels called fossils?

What is happening to those buried fossils?

What do we use fossil fuels for?

What do fires release?

**Methane (2)**

Which gas is more powerful at trapping heat – carbon dioxide or methane?

What are the sources of methane?

What happens when permafrost, artic soil, melts?

**Black Carbon (3)**

What is another name for black carbon?

Is black carbon a greenhouse gas?

What is the largest source of black carbon?

Other sources of black carbon?

How does black carbon impact the ability of the planet to reflect sunlight?

**Halocarbons (4)**

What are halocarbons?

CFC, chlorofluorocarbons, are halocarbons once used in what?

What was happening when we used CFCs?

What is the ozone layer?

**Carbon Monoxide and Other Organic Compounds (5)**

Where does carbon monoxide come from?

**Nitrous Oxide (5)**

What is the main source of nitrous oxide?

Why do farmers use artificial fertilizers/nitrogen?

What kinds of pollution are created as a result of making and using artificial fertilizer?