**Name:**

**Date:**

**School:**

**Facilitator:**

4.04 Effects of Fossil Fuels

**Directions: Complete the following chart as an overview of fossil fuels.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Coal** | **Oil** | **Natural Gas** |
| **How was the Fossil Fuel formed?** |  |  |  |
| **Primary use(s)** |  |  |  |
| **Byproducts** |  |  |  |
| **Environmental problems caused from byproducts** |  |  |  |

**Answer the following questions:**

1. Explain the greenhouse effect and what causes it.
2. What do scientists believe the greenhouse effect can cause on earth?
3. What causes acid rain? Identify and explain 2 ways that acid rain can affect the environment.
4. Explain how mercury can get into water sources. What harmful effects can the ingestion of mercury have on humans?