**Air Pollution Flash Cards - Terms**

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| **fossil fuel** | **atmosphere** |
| **emissions** | **asthma** |
| **dioxin** | **allergy** |
| **carbon monoxide** | **air pollution** |
| **carbon dioxide** | **air** |

**Air Pollution Flash Cards - Definitions**

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| **CO2, a colorless, odorless gas formed during breathing, combustion and decaying that adds to the greenhouse effect.** | **The mixture of invisible odorless tasteless gases (mainly nitrogen and oxygen) that surrounds the Earth.** |
| **CO, a colorless, odorless gas made of one carbon atom and one oxygen atom. Very harmful to breathe.** | **The gases and particles that negatively affect the quality of the air around us, which are harmful to the environment, and/or which enter the atmosphere at highly-concentrated levels.** |
| **A highly-toxic family of chemicals used to make poisonous substances like weed killers and bleaching products (such as for making paper white). Poisonous at 1 ppb.** | **A physical reaction (sneezing, coughing, etc.) to something in the air (such as pollen, dust, dander, pollution, etc.).** |
| **Gases or particles given off when fossil fuels are burned.** | **A condition, often caused by allergies, that causes a tightness in the chest (breathing tubes become swollen), difficulty breathing (cannot get enough air) and wheezing.** |
| **A material that forms naturally, underground from the remains of ancient organisms (plants and animals) from millions of years ago. For example, petroleum, coal, natural gas.** | **The layer of air that surrounds the Earth like a blanket. It keeps the Earth warm and protects it from harmful radiation.** |

**Air Pollution Flash Cards - Terms**

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| **volatile organic compounds** | **particulate matter** |
| **stratosphere** | **ozone** |
| **reformulated gasoline** | **oxygen** |
| **pollutant** | **nitrogen oxides** |
| **pollen** | **hydrocarbon** |

**Air Pollution Flash Cards - Definitions**

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| **The powdery grains of flowering plants. Usually appears as a fine yellow dust.** | **An organic compound containing atoms of hydrogen and carbon.** |
| **A harmful chemical or waste material discharged into the water or atmosphere. Some are visible and some are invisible.** | **Gases that form when nitrogen and oxygen in the atmosphere are burned with fossil fuels at high temperatures.** |
| **RFG. A cleaner-burning form of gasoline that reduces the amount of pollutants emitted into the air through tailpipe and via evaporation from the gas tank. Oxygenates are a principal component.** | **A colorless, tasteless, odorless gaseous element that constitutes 21% of the atmosphere.** |
| **The layer of air that extends from about 10 to 30 miles above the Earth’s surface.** | **O3 ground-level ozone is the principal component of smog, created from chemical reactions of pollutants; VOCs and NOx.** |
| **All VOCs contain organic carbon molecules that escape into the air easily. Many are also hazardous air pollutants that can cause very serious illnesses.** | **Very small particles of solid matter and/or droplets of liquid suspended in the air. May include materials that have been burned (ash, smoke, soot), dust, pollen, soil, chemicals, etc.** |

**Air Pollution Flash Cards - Terms**

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**Air Pollution Flash Cards - Definitions**

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