**Quality of our Atmosphere**

**Ozone**

Made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ oxygen atoms (the air you breathe has oxygen with two oxygen atoms)

Most is located in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a small amount is located in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Ozone in the Stratosphere**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ozone!

Creates a layer within the stratosphere to block harmful \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_from the sun.

Releasing \_\_\_\_\_\_\_\_\_ into the atmosphere (from \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_, refrigerants) has damaged the ozone layer in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Ozone in the Troposphere**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ozone!

Is created when chemicals from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ interact with oxygen atoms in the air.

Can cause \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ problems.

**Renewable and Nonrenewable Resources:**

Renewable resources: any \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ resource that can be replenished over and over (never runs out!) Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_.

Advantage: they are \_\_\_\_\_\_\_\_\_\_\_\_\_ for the \_\_\_\_\_\_\_\_\_\_\_\_\_\_!

Disadvantage: usually more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!!

Nonrenewable resources: a natural resource that, once \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, cannot be \_\_\_\_\_\_\_\_\_\_\_\_\_.

Advantage: \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!!

Disadvantage: will \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ eventually and is \_\_\_\_\_\_\_\_\_\_\_ for the \_\_\_\_\_\_\_\_\_\_!

**Acid Rain**

When \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ gases are released into the atmosphere.

As these chemicals are released, they \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ into the water that is in the atmosphere.

Weather systems move these acid rain filled clouds around the  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Greenhouse Effect**

A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ event.

Certain gases in our atmosphere (\_\_\_\_\_\_\_\_\_\_ ,\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_) help to trap heat in our atmosphere.

Without it we would be an \_\_\_\_\_\_\_\_\_\_\_\_\_ planet!

**Global Warming**

The greenhouse effect gone crazy!

We are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the amount of carbon dioxide in our atmosphere too quickly, therefore speeding up the greenhouse effect.

If we continue to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ usage (natural gas, petroleum, \_\_\_\_\_\_\_\_\_\_\_), carbon dioxide levels will continue to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in atmosphere, causing an \_\_\_\_\_\_\_\_\_\_\_\_ in Earth’s temperature!!.

**Health Concerns**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**So what can WE do??**

Use less \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cut down less trees

* Trees use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!

Find alternatives to oil and gasoline

**Already in Place**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (EPA)

* provides daily information about air quality
* helps to monitor and punish businesses who abuse our environment

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* established in 1963
* research and investigation of air quality