**Ozone Layer – Brain Pop**

**1. Ozone is a gas made up of molecules with *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* oxygen atoms.**

**2. The kind of oxygen we breathe has only *\_\_\_\_\_\_\_\_\_\_\_* oxygen atoms.**

**3. The Ozone layer is part of the Earth’s atmosphere where a high concentration of this gas *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* us from the sun’s powerful ultraviolet radiation (UV).**

**4. Too much UV radiation is *\_\_\_\_\_\_\_\_\_\_* because it can cause skin cancer, eye problems, and weaken your immune system.**

**5. Too Much UV radiation is harmful to plants and *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*, upsetting the balance of the food chain.**

**6. Ozone is constantly being produced and destroyed in the atmosphere, but the total amount is basically *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.**

**7. In the 1980s scientists noticed a drastic *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of the ozone over Antarctica, causing the destruction of nearly 70% of the ozone layer normally found there.**

**8. Ozone depletion is caused by the release of certain chemical compounds into the air, compounds such as CFCs and other ozone *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* substances.**

**9. In the 1980s CFCs were used to *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* spray cans, and other household stuff.**

**10. CFCs take a few years to get up to the stratosphere, but once there, *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* from the sun trigger a series of reactions that causes ozone to break down.**

**11. In 1987, many countries agreed to *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*their use of CFCs, this was called the Montreal Protocol.**

**12. If we stop producing items that use CFCs, the ozone layer could be *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* to normal in a little as 50 years.**