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| **Across****3.** most abundant gas in our atmosphere; makes up about 78% of the air**6.** third most abundant gas even though in make up less than 1% of the air**9.** name given to all the other gases that make up our atmosphere because they exist in trace amounts**12.**  gaseous form of water**14.** about how many days does it take for dust and soot to be washed out of the atmosphere by rain fall**16.**  gas that makes up the Ozone layer but can be harmful to humans as ground level; one of the main ingredients in smog**17.** a substance enclosed under pressure and able to be released as a fine spray, typically by means of a propellant gas**18.** most chemically active gas in the atmosphere; makes up about 21% of the air**20.** clear inert gas; used to make neon signs**21.**  a layer in the Earth's stratosphere that protects us from harmful UV Rays**22.**  fog or haze combined with smoke and other atmospheric pollutants**24.**  second lightest gas, used to fill balloons**25.** air pollutant that is given off by cars and other machinery that burns fossil fuels | **Down****1.**  the lightest gas that exists and is highly flammable**2.**  How far can pollution travel from its source?**4.**  one of the most common particles that can trigger allergies in humans**5.** an odorless, colorless, flammable gas; mainly comes from bacteria and petroleum fields**7.**  produced naturally by lightning and bacterial processes involved in plant growth and decay, However, the strongest sources are man-made **8.** the presence in or introduction into the air of a substance which has harmful or poisonous effects**10.** NASA satellite built to understand the chemistry of our atmosphere**11.**  a colorless, odorless gas in its natural state and is mostly nonreactive; used to make lamps**13.**  one of the main air pollutants in the U.S. given off by aircraft**15.** air pollutant that is given off by fossil fuel combustion and natural volcanic activity**19.** a trace gas that used to make headlights in cars**23.** Carbon Particles; mainly comes from fires and modified diesel trucks |