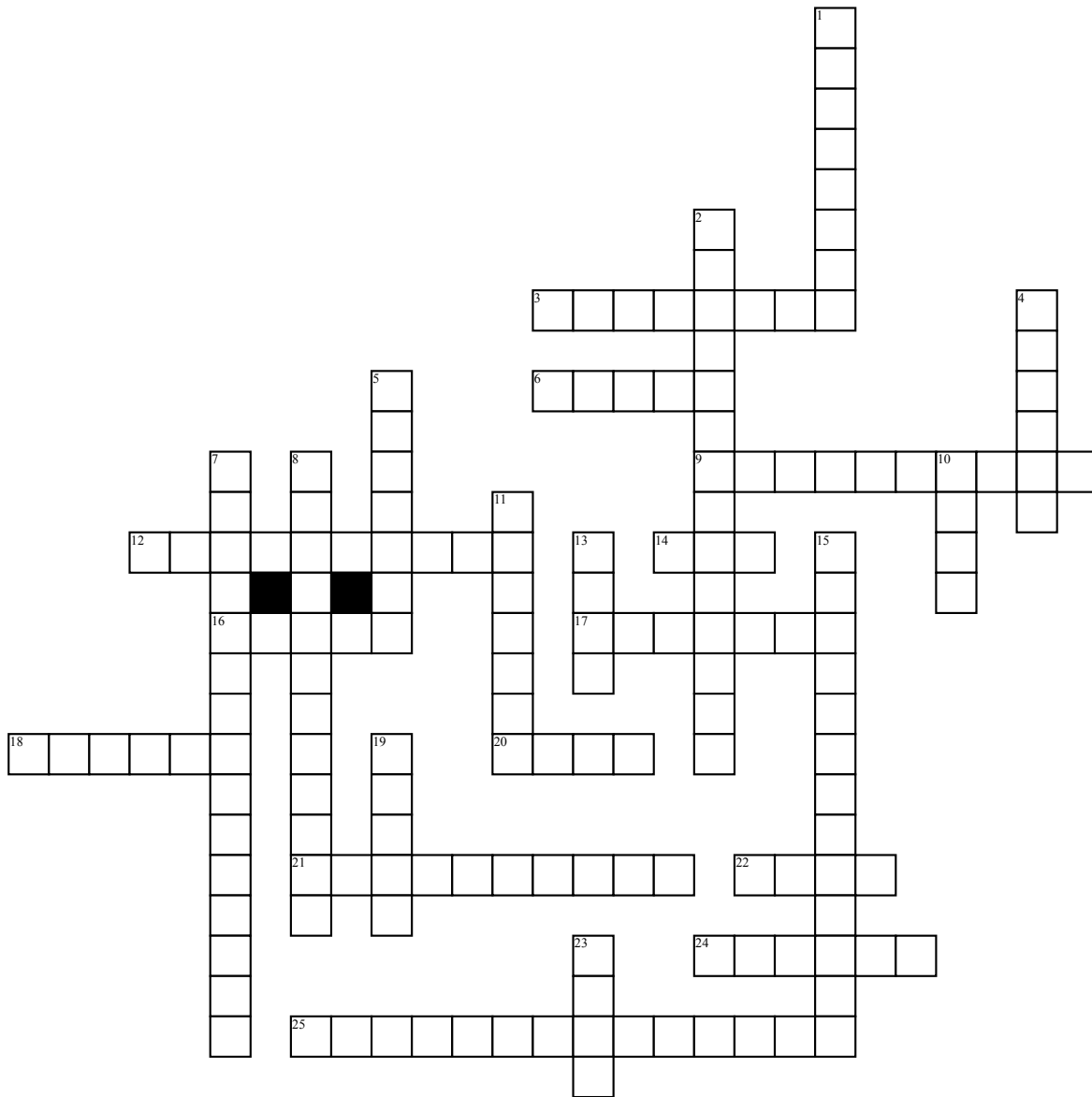


# The Air We Breathe



## 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