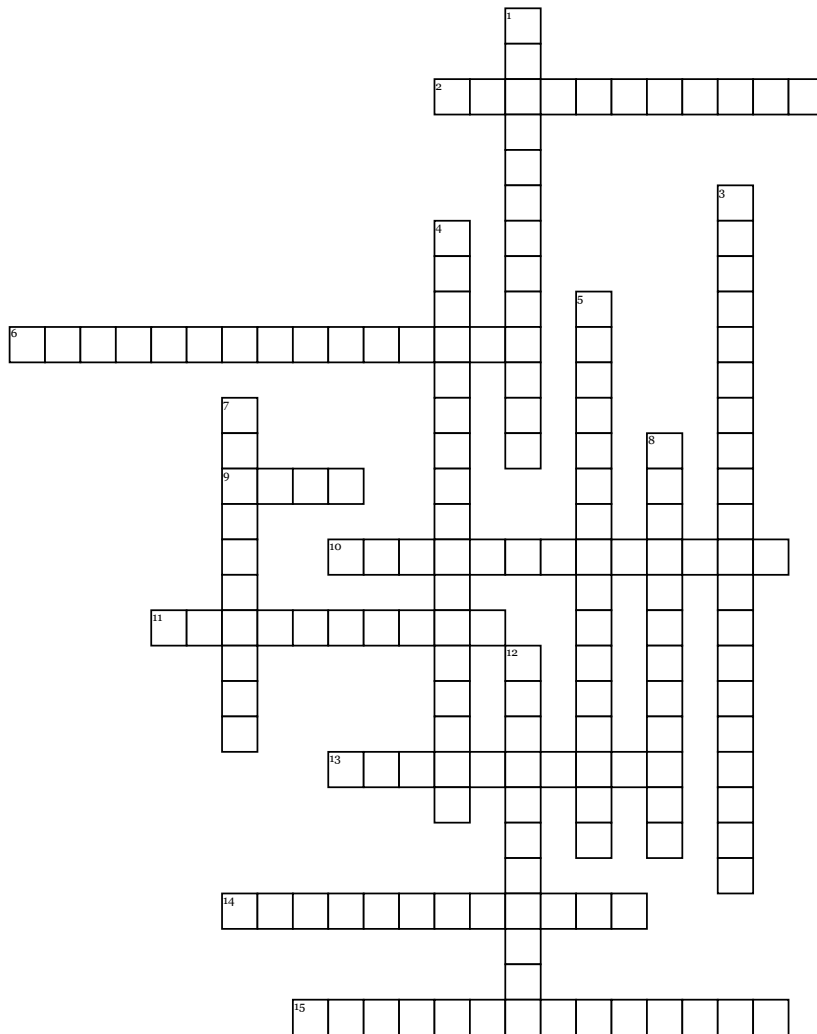


# Human Impact on the Atmosphere



## Across

- 2.** What is a tiny particle of solid that is suspended in air or water?  
**6.** What's the name for the number used to describe the air quality of a location?  
**9.** What forms when ground-level ozone and vehicle exhaust react in the presence of sunlight?  
**10.** Carbon Monoxide, Sulfur Dioxide, Nitrogen Oxide, and Ground-level ozone are what?  
**11.** What is the measure of how clean or polluted the air is?

## Word Bank

- |                       |                   |                    |               |
|-----------------------|-------------------|--------------------|---------------|
| Particulate           | Vehicle Exhaust   | Atmosphere         | Cosmic Rays   |
| Air Quality           | Carbon Dioxide    | Acid Precipitation | Smog          |
| Air Quality Index     | Gas Pollutants    | Stratosphere       | Air Pollution |
| Ultraviolet Radiation | Greenhouse Effect | Temperature        |               |

- 13.** What is a mixture of gases that surrounds Earth?  
**14.** The contamination of the atmosphere by pollutants from human and natural sources.  
**15.** What type of pollution is most common in urban areas?

## Down

- 1.** What type of gas is needed for plants to do photosynthesis?  
**3.** The ozone layer absorbs most of what type of high-level radiation?  
**4.** Precipitation such as rain, sleet, or snow that contains acid from air pollution.  
**5.** Gases in the atmosphere that absorb and re-radiate thermal energy?  
**7.** What is the name for fast moving particles that enter the atmosphere?  
**8.** Which part of the atmosphere has contains ozone gases?  
**12.** What would not be stable if there was no atmosphere?