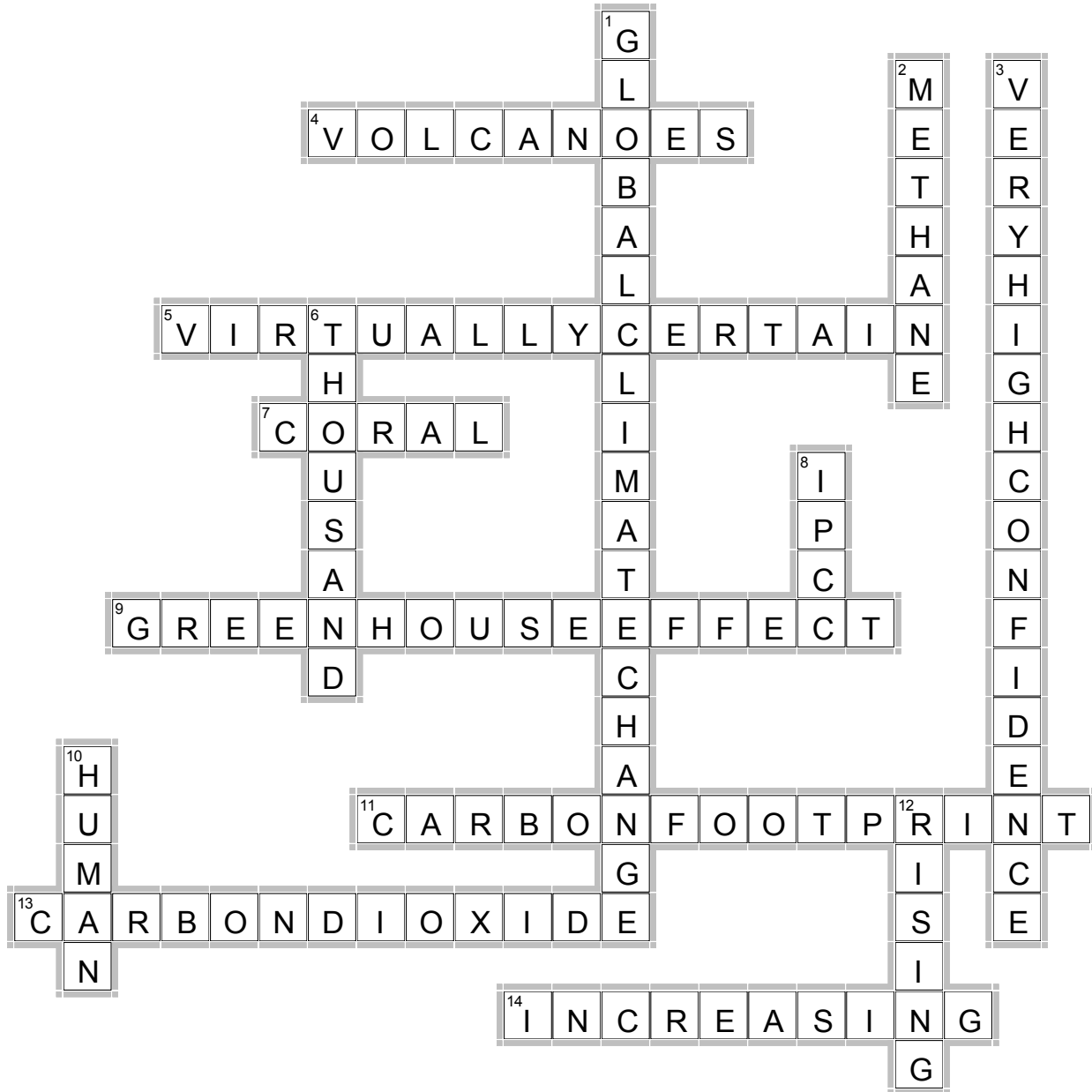


TEACHER KEY

Global Climate Change Crossword



Across

4. **VOLCANOES**—These "hot-headed" structures are one of the natural causes of climate change on our planet.
5. **VIRTUALLYCERTAIN**—These words are used by scientists to indicate a 99% or greater probability that a prediction will occur.
7. **CORAL**—This group of organisms cannot handle higher temperatures and will likely suffer as temperatures continue to increase.
9. **GREENHOUSEEFFECT**—Refers to the process in which much of the sun's energy (heat) is kept inside our atmosphere by specific gases on our planet.
11. **CARBONFOOTPRINT**—The amount of greenhouse gases that are produced in our day-to-day lives through the burning of fossil fuels.
13. **CARBONDIOXIDE**—A greenhouse gas; Levels of this gas have increased by approximately 80% since 1970.
14. **INCREASING**—Over the last 150 years, we've observed that the global sea and air temperatures are _____.

Down

1. **GLOBALCLIMATECHANGE**—The identifiable change in the climate of Earth as a whole that lasts for an extended period of time.
2. **METHANE**—One of the greenhouse gases.
3. **VERYHIGHCONFIDENCE**—These words mean that scientists are more than 90% certain the data they have are accurate.
6. **THOUSAND**—There are close to one _____ scientists that work with the Intergovernmental Panel on Climate Change.
8. **IPCC**—Abbreviation for the research group created by the United Nations in 1988 to compile information on global climate change.
10. **HUMAN**—According to the data, "Most of the observed increase in global average temperature since the mid-20th century is very likely due to the observed increase in _____-caused greenhouse gas concentrations."
12. **RISING**—Over the last 100 years, we've observed that the global sea levels are _____.