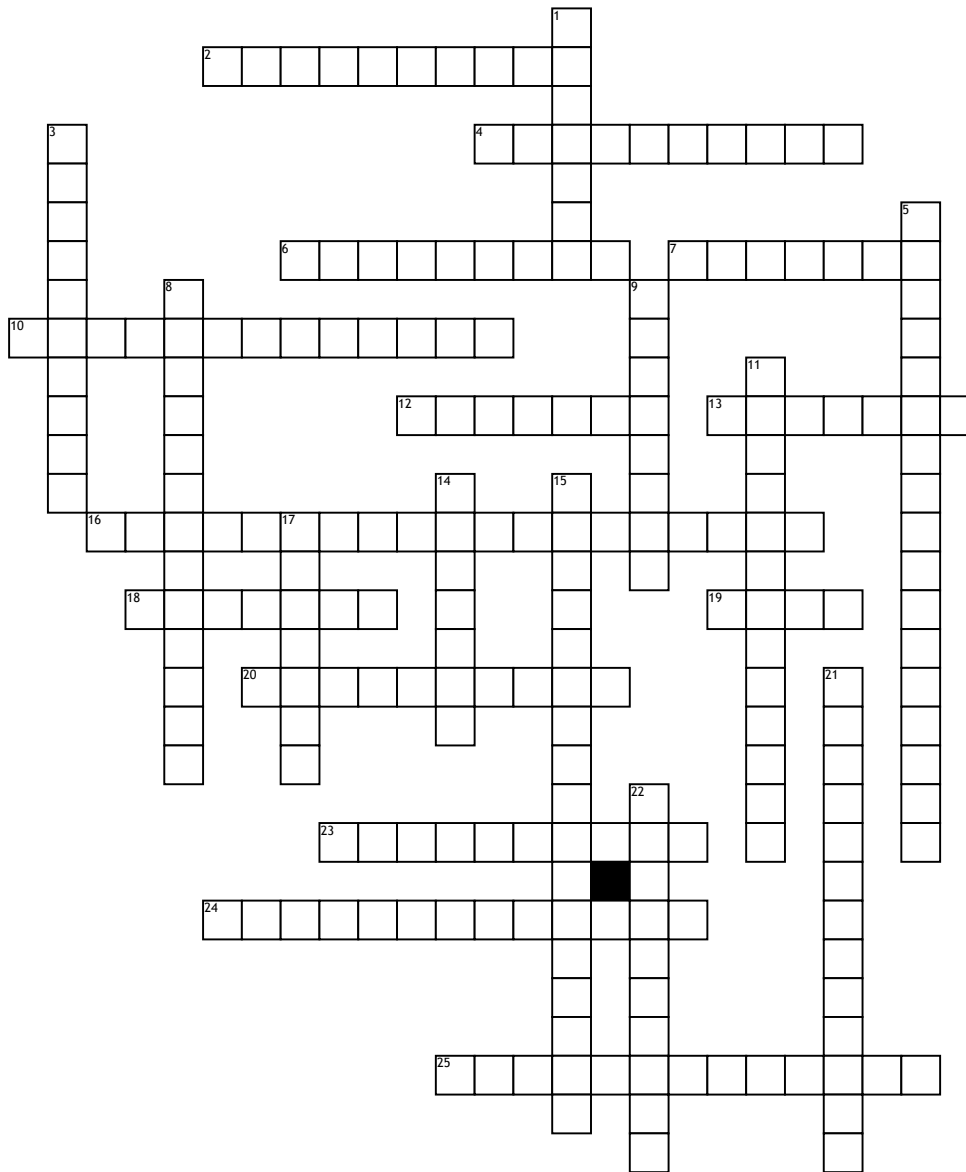


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Global Warming



## Across

2. an energy-rich substance type of fuel that is created from dead plant and animal material trapped between layers of rock deep within the Earth. Over millions of years, heat and pressure transform this material into fossil fuels.
4. a mixture of gases such as nitrogen, oxygen, and carbon dioxide that surround the earth
6. The complex of a community of organisms and the community's environment functioning as an ecological unit.
7. A very large body of ice moving slowly down a slope or valley or spreading outward on a land surface.
10. gas that is released from burning of the fossil fuels
12. A person who studies climate.
13. a period of unusually dry weather that causes significant shortages of water
16. severe weather such as blizzard, tornado
18. the place, or environment, where a plant or animals live
19. a dark-colored rock that is mined from the Earth's surface and can be burned to create energy

20. an odor-less, color-less gas found in the earth

23. Relating to industry; in this case, industrial practices refer how products are made and used.

24. The atmosphere, the oceans, the biosphere, the cryosphere, and the geosphere, together make up the climate system.

25. any moisture that falls to Earth

## Down

1. the average weather for a particular region taken over a period of time

3. human actions that respond to climate change in a way that minimizes its effect on ecosystems and humans

5. The effect produced as greenhouse gases allow incoming solar radiation to pass through the Earth's atmosphere, but prevent most of the outgoing infrared radiation from the surface and lower atmosphere from escaping into outer space. This process occurs naturally and has kept the Earth's temperature about 60 degrees Fahrenheit warmer than it would otherwise be. Current life on Earth could not be sustained without the natural greenhouse effect.

8. The amount of a component in a given area or volume. In this case, a measurement of how much of a particular gas is in the atmosphere compared to all of the gases in the atmosphere.

9. a substance that causes allergies

11. a natural or human-made gas that traps heat in the atmosphere. Examples of greenhouse gases include water vapor, carbon dioxide, methane, and ozone.

14. The place or environment where a plant or animal naturally or normally lives and grows.

15. a natural resource that can be made or regrown as fast as it is used

17. a colorless, odorless gas that is produced when plants, animals, and garbage decay. It is produced naturally and as a result of people's activities. Methane is the most abundant greenhouse gas

21. The change of forested lands to non-forest uses. This is often cited as one of the major causes of the enhanced greenhouse effect for two reasons: 1) trees that are burned or decompose release carbon dioxide; and, 2) trees that are cut no longer remove carbon dioxide from the atmosphere.

22. water that is present in the earth as gas