|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The Greenhouse Effect and Climate Change

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  G |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 2  C | A | R | B | O | N | D | I | O | X | I | D | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3  O |  |  |  |  |  |  | N |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  |  | H |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y |  |  |  |  |  |  | O |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4  N |  |  |  | 5  C |  | G |  | 6  M |  |  |  |  | U |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | I |  |  | 7  A | L | B | E | D | O |  |  |  |  | S |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | T |  |  |  | I |  | N |  | L |  |  | 8  R |  | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  | M |  |  | 9  M | E | T | H | A | N | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | O |  |  |  | A |  |  |  | C |  |  | D |  | F |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | G |  |  |  | T |  |  |  | U |  |  | I |  | F |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 10  W | E | A | T | H | E | R |  | 11  C | L | I | M | A | T | E |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | N |  |  |  | C |  |  |  | E |  |  | T |  | C |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | H |  |  |  |  |  |  | I |  | T |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 12  W | A | T | E | R | V | A | P | O | R |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | N |  |  |  |  |  |  | N |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **2.** A greenhouse gas  **7.** Earth's reflective surface  **9.** A greenhouse gas  **10.** The daily atmospheric conditions  **11.** Weather conditions in one place over a period of time  **12.** A greenhouse gas | **Down**  **1.** The process that traps heat  **3.** Atmospheric gas  **4.** A greenhouse gas  **5.** A significant difference in climate over time  **6.** A collection of elements  **8.** The sun's energy |

   Carbon Dioxide       Water Vapor       Methane       Nitrogen       Oxygen       Weather       Climate       climatechange       greenhouse effect       Albedo       Radiation       Molecule