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The Greenhouse Effect and Climate Change

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