

Greenhouse Gases Exploration Sheet

Answer the questions below as you read about the Earth's greenhouse gases. Write your answers in complete sentences.

1. What is the Earth's most abundant greenhouse gas?
2. The small amount of water near the ground is known as _____.
3. Explain how more water vapor causes a warmer planet.
4. Name the 6 most abundant greenhouse gases.
5. What two things determine the effect a greenhouse gas has on the environment?
6. What anthropogenic (human-caused) sources produce greenhouse gases?
7. What is the main source of natural greenhouse gas?
8. What are particulates?
9. When are naturally occurring particulates placed into the air?
10. What particulates are created by people?

11. How do particulates keep heat away from the Earth?

12. Where is "good" ozone located and why is it considered "good"?

13. How is ozone produced near the surface of the Earth?