

Design a Greenhouse Gas Experiment

Watch the Myth Busters video on Greenhouse gases and then answer the following questions. Finally, design your own greenhouse gas lab and explain how you would conduct it to improve upon the Myth Buster design.

In the video, they tested four greenhouses.

1. What were the manipulated variable(s)?
2. What was the responding variable?
3. What were the constants?
4. What were the results of their experiment and what conclusion did they draw?

Design a similar experiment that improves on the Myth Buster design:

1. Conduct research on greenhouse gases
2. Develop your hypothesis (If...then...because...)
3. Identify your variables
4. List your materials
5. Write a stepwise procedure for the lab
6. Draw a picture of the lab set-up and label the diagram.
7. Create a data table for the data you would plan to collect

Write your report in your journal under the heading **Greenhouse Gas Lab**