

The Very, Very Simple Climate Model  
An Online Interactive Activity

Name \_\_\_\_\_

-You will be testing one of our brainstormed scenarios using “The Very, Very Simple Climate Model.”

-To be accurate to real world circumstances:

Start with emissions at **6 gigatons of carbon dioxide per year** as it was in 2000

Maintain a **timestep of 10 years**

-If you want to run a more than one model or clear your model if you make a mistake refresh your browser

1. Write a brief description of your scenario.
2. Hypothesize about what your graph will look like based on your scenario. You may draw a rough sketch of a graph to accompany your hypothesis.
3. How will you test this scenario? How will you manipulate the variables to simulate your scenario?
4. What is the overall message that this graph is sending about the scenario you have tested?