Using a Carbon/Temperature Model Name \_Per

* Go to this site: <http://challenger.org/climate/ccearth4u/ccearth4u.html>Use a different font or color for your answers.
* When you are finished…‘dropittome’. Be sure to use ‘carbon sim\_firstname\_periodnumber’ when you save.
* Sit next to your team members when you go to the computer lab.
  + Read the ‘Welcome’ information. What is your task?
  + Click on “New to the Site?” Read the information. You may need to look up vocabulary you don’t already know. Define the following terms: biosphere, lithosphere, hydrosphere, and atmosphere.
  + What is the model designed to do?
  + List the 11 parameters the model takes into account:
  + Click on the arrow (bottom right). How are ‘inputs’ depicted (shown)?
  + How are ‘outputs’ shown (2 ways)?
  + When you have read all of the information on this slide, click the arrow to move on.
  + What will you be investigating?
  + Click on the arrow. What kind of information is shown on this page?
  + Click on the arrow to go to the ‘Scenario’ page. Which scenario have you been assigned?
  + Read the information about your scenario. To the right you will see the challenges. Which one have you been assigned? Type out the challenge here.
  + Who is on your team?
  + Click on the arrow to start your scenario. Click on ‘Help. Insert a screen shot (that you can read and refer to) here:
  + Click on each ‘process icon’, you want to change, to move it to the ‘work area’. Do NOT change any of the parameters yet. Insert a small screen shot here to show how you have set up your baseline:
* Make a new document and insert the same screen shot but ‘bigify’ it to cover the whole page. Print one copy for your team presentation.
  + Change parameters that you think will satisfy your challenge. Check each ‘sphere’ by clicking on it. Continue to make changes as needed.
  + When you feel you have accomplished your task, click on “Print Report”. Examine your results. Type the explanation of your results in the space provided. Insert a screen shot here:
  + Drop this paper to me after saving with the necessary information in the file name.
* Click on ‘Print Report’. Make one copy for your team. Use this to illustrate your work. Your team will present your findings to the class in an ‘elevator’ talk (2-3 minutes).
* Discuss with your team how you will present your information. Each team member must contribute equally. (You may use the document camera to show your screen shots to the class.)

·introduce team members

·if you have challenge #1 you will describe the scenario and then your challenge. If you are challenge #2 or 3, you will only describe your challenge.

·explain why you chose to change the processes that you did. (What you were thinking…)

·point out important data that resulted. (Which changes made a difference and which did not.)

·explain your results. (What did you find out about your particular challenge?)