Radish Races Wrap-up *by C. Kohn, Agricultural Sciences, Waterford WI*

Group Names (F&:L):

Hour Date: Date Assignment is due: *Monday*  Why late? Score: + ✓ -

1. What was your hypothesis? Write it below:

*We hypothesized*
2. Was your hypothesis correct or incorrect, or uncertain? Explain:
3. Which radishes grew the tallest?
4. Why do you think these radishes grew taller than the others?
5. How do you think your experimental protocol changed the **carbon cycle** for each kind of plant? *In other words, how did your independent variable change the ability of your plants in the experimental group to create sugar from water and CO2?* Hypothesize for each group of radishes in the spaces below and compare to your control:
6. Write three questions that came up as a result of your experiment in the spaces below:
 *1

2*
*3*

# Data

|  |  |  |  |
| --- | --- | --- | --- |
| Height of Experimental Plants |  |  | Height of Control Plants |
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1. Record your data in the table to the right. If you need more room, attach a separate sheet.
2. Record the average of your radish heights in the spaces below:

Experimental Average:

Control Average:

*\*\*\*NOTE: Make sure you include your units of measurement (e.g. inches, cm, etc.)!\*\*\**
3. On the grid below, create a bar graph from the results of your average radish heights for the experimental group and your control group. Be sure to label your axes (the y axis is your unit of measurement with increments on the side; the x axis should list your experimental groups and label each bar in your bar graph).
4. Create a caption for your graph that explains the data and what it means. Your caption should be detailed enough that if you read it to a blindfolded person, they could picture your graph without ever seeing it.

*In this graph, you can see*