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

Name: Hour Date: Group #

Date Assignment is due:  Why late? Score: + ✓ -
 Day of Week Date If your project was late, describe why

1. What was your hypothesis? Write it below:

*We hypothesized*
2. Was your hypothesis correct or incorrect, or is it impossible to tell? 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 experiment affect the ability of your plants in the control 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*