**Science-7 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_**

**Mr. Roach / Ms Wulfow**

Bread-Mold Experiment

**Question**

How does water affect the growth of mold on bread?

**Hypothesis**

Water has a positive effect on the development of mold on bread that has no preservatives.

**Procedure & Materials**

*\*\*See original handout for lab!*

**Data Table for Entire Class**

|  |  |
| --- | --- |
| Mean % of mold on moistened bread | Mean % of mold on dry bread |
|  |  |

**Report**

* A cover sheet is optional, *otherwise* this sheet should be **page-1** of the lab write-up.
* Attach original handout as **page-2** of the lab write-up.
* Attach your daily data table from the lab section of your notebook as **page-3** of the lab write-up.
* Attach a separate, word-processed page (**page-4** of write-up) in which you will write answers to each of the following:
  1. What is the single manipulated variable for this experiment?
  2. What is the single responding variable for this experiment?
  3. Identify each of the constants (*controlled variables*) for this experiment.
  4. Does the data support or reject the hypothesis? Briefly explain.
  5. Identify any unanticipated events that took place during the course of the experiment, and how they may have influenced the results of the experiment.
  6. In conclusion, what future experiment(s) could the results of this lab lead to (*As a result of this experiment, I would like to study the effects of…*)?