

Name of Scientist: _____ Date: _____

Bread Mold Lab Report Evaluation

Question: (Clearly stated/worded, contains one variable)

All Criteria Met				Totally Missing
5	4	3	2	1

Hypothesis: (Clearly stated/worded, logical reasoning provided)

All Criteria Met				Totally Missing
5	4	3	2	1

Materials: (Complete list, including types and amounts of materials used to set up experiment and make observations during experiment)

All Criteria Met				Totally Missing
5	4	3	2	1

Procedure: (Complete directions, step-by-step, including types and amounts of materials used to set up the experiment. Specific description of what you did, factors checked and recorded during a typical observation. Written in enough detail to enable anyone to repeat the set-up procedure and the daily observation procedure on his/her own)

All Criteria Met				Totally Missing
5	4	3	2	1

Observations: (Contains all 14-15 days of data in a neat table. Each day is dated and labeled “control” and “variable”. Specific details (% of mold, color, smell, texture) recorded each day on the table. Graph of mold growth (%) is neat, complete, accurate, and titled. The X and Y axis are labeled and numbered. (The graph is worth up to three bonus points in this section of the report!)

All Criteria Met				Totally Missing
5	4	3	2	1

Conclusion: (Includes the answer to your original question, a statement about agreement or disagreement with your hypothesis, an explanation of your results (with evidence/data to back it up). The explanation of your results shows logical reasoning, Discusses reliability of the results obtained, Reflects on learning and raises further questions)

All Criteria Met				Totally Missing
5	4	3	2	1

G.U.M. (Word-processed, Each section labeled, Everything is spell-checked, Written in complete sentences, Few errors in grammar, word use, and mechanics, Table of data (and graph) are neat and properly titled and labeled, Sections appear in the proper order)

All Criteria Met				Totally Missing
5	4	3	2	1

TOTAL POINTS: _____

GRADE: _____