

Water Relations in Plants Lab Reports

Guttation Exercise:

1. Abstract/Introduction: What were you trying to find out in the activity?
2. Your hypothesis
3. Procedure – General setup*
4. Results*
5. Analysis/explanation of results

Xylem Transport Exercise:

1. Abstract/Introduction: What were you trying to find out in the activity?
2. Your hypothesis
3. Procedure – General setup*
4. Results*
5. Analysis/explanation of results

*Illustrations may be used to supplement your explanations.

Transpiration Exercises:

1. Abstract/Introduction: What were you trying to find out in these lab activities?
2. Your hypothesis
3. Raw data tables for all groups
4. A graph comparing transpiration rate for the different experimental conditions
5. Analysis/explanation of results

Note: A laboratory report is not the lab handout copy with answers to questions and the handout tables filled out. The questions in the laboratory exercise can guide your analysis and explanation, but your data tables and graph(s) should be your own work and the analysis should be in narrative form, not just answers to questions in the lab exercise or responses to the numbered requirements for your lab report listed above. Be sure to include how you might have modified the experiment to better evaluate the purpose statement.

The report is to be word-processed. Late papers are not graded and will receive a "0".

Your report should be a group report. A group collaboration is not a set of individual components stapled together. You should have consistency throughout the report that your group submits. *If not all group members made equal contributions include your assessment of proportional contribution. Review the course information pages for more detail on group projects.* If you are doing a group report and one person is designated to turn the report in, be sure that the person responsible does so by the due date. Late papers impact all members of the group.

If you are unable to work in a group, please consult with me for permission to do an individual report.