Students Name: Date:

Due Date of Lab Report: Date of Lab Report Submission:

Diffusion Lab Report Rubric

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| --- | --- | --- | --- | --- | --- |
|  | 4pts | 3pts | 2pts | 1pts | 0pt |
| Title | Title is clearly stated under the heading and it is a brief, concise descriptive title. | Title is clearly stated under the heading, but is not a descriptive title. | Title is stated, but not under the heading and is not descriptive. | X | Title is not stated. |
| Introduction | 1. Includes background information 2. Includes the purpose of the lab | One of the conditions is not met. | Two of the conditions are not met. | X | No introduction stated. |
| Materials | All materials used in this lab are stated in list form. | Has one or two materials missing. | Has three or four materials missing. | Has 5 or more materials missing. | No materials listed. |
| Procedure | A description or step-by-step list of how the experiment is performed. | A description or step-by-step list of how the experiment is performed, but has very little inconsistencies. | A description or step-by-step list of how the experiment is performed, but has a reasonable amount of inconsistencies. | A description or step-by-step list of how the experiment is performed, but has a lot of inconsistencies. | No procedure stated. |
| Results | The data is shown **only** with charts, graphs, pictures, calculations and a properly labeled. | The data is shown with charts, graphs, pictures, calculations and a properly labeled.  There are minimal descriptive phrases and explanations. | The data is shown with charts, graphs, pictures, calculations and a properly labeled.  There are reasonable amount of descriptive phrases and explanations. | The data is minimally shown with charts, graphs, pictures, calculations and a properly labeled.  There are a lot of descriptive phrases and explanations. | No results stated. |
| Discussion | There is a complete detailed explanation of results that shows great understanding the purpose of the lab experiment. | There is an explanation of results that shows very little inconsistencies in understanding the purpose of the lab experiment. | There is a reasonable amount of explanation of results that shows a reasonable amount of understanding the purpose of the lab experiment. | There is a minimal explanation of results that shows minimal understanding the purpose of the lab experiment. | No discussion stated. |
| Conclusion | 1. Summary of the data to help the reader understand results. 2. Accept or reject hypothesis and explains why. 3. Errors were mentioned that were made during the lab experiment. 4. List one thing you learned and describe how it applies to a real- life situation. | One of the conditions is not met. | Two of the conditions are not met. | Three or more of the conditions are not met. | No conclusion stated. |
| Format | Neat, organized with headings | Minimal inconsistencies with organization (heading is missing). | Reasonable about of inconsistencies with organization (2 or 3 headings are missing). | Very inconsistence with organization (4 or 5 headings are missing). | Not neat, lack of organization, hard to follow lab report. |
| Grammar | All grammar is correct. | 1 or 2 grammar errors. | 3 or 4 grammar errors. | 5 or 6 grammar errors. | 7 or more grammar errors. |