Scientific Method

|  |
| --- |
| Question (what do you hope to answer?) |
|  |
| Research (what do you know?) |
|  |
| Hypothesis (what are you expecting to happen?) |
|  |
| Materials (What Materials Will You Be Using?) |
|  |
| Procedure (exactly what are you planning to do?) |
|  |
| Results and observations (what happened and why) |
|  |

|  |
| --- |
| Variable you changed and why |
|  |
| Results and Observations |
|  |
| Variable you changed and why |
|  |
| Results and Observations |
|  |
| **Final** observations/conclusions |
|  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Winnipeg Beach School** | | **Lab Report Evaluation Form** | | |  |  |  | | --- | --- | --- | | A completed Lab Report should include the following sections:  **Heading, Title, Problem, Hypothesis, Materials, Procedures, Data, Conclusion, and Conclusion Questions.** |  | **This Lab Report Is Completed To The Best Of My Ability.**  X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **(Student Signature)** | | | |  |  | | --- | --- | | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Teacher: Ewert | | | |  | | --- | | Title of Experiment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |  |  | | --- | --- | | Date Submitted: \_\_\_\_\_\_\_\_\_\_\_\_ | Lab Partner(s): \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_ | | | |  | | --- | |  | | | |  |  | | --- | --- | | **Criteria** | **Student** | | Clear and Appropriate**HEADING**, **TITLE**,**PROBLEM**, and**HYPOTHESIS**. | 1,2,3,4 | | All **MATERIALS** listed and a summary of **PROCEDURE**. | 1,2,3,4 | | Appropriate presentation of **DATA** and observations including graph(s), chart(s), drawing(s), etc. Accuracy of data. | 1,2,3,4 | | Clear and concise**CONCLUSIONS**. Conclusion addresses problem and states knowledge gained. Answers to all **QUESTIONS**. | 2,4,6,8 | | Overall- **NEATNESS**, **GRAMMAR**, adheres to **FORMAT**, etc. | 1,2,3,4 | | <--------Total points earned = Lab grade--------> | \_\_\_\_\_\_\_ | | | **Teacher Comments**: | | **Powered by TeAch-nology.com- The Web Portal For Educators! (www.teach-nology.com)** | |

