Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_ **Bioplastics PBL Abstract Post Assessment**

**Peer/Self/Teacher Evaluation**

An **abstract** is a short, concise summary of your investigation. It must include the purpose of your lab and why it is important, your research question or hypothesis, your methods, your experimental results and your conclusion. In your conclusion, state your main goals and describe where you go from here if you could continue the investigation.

**Abstract Format**:

The abstract must be double-spaced, Times New Roman font, 12 pt, and contain between 150 and 250 words in one or two paragraphs.

You will be asked to revise the abstract if any of the following are missing.

|  |  |  |  |
| --- | --- | --- | --- |
| **Scoring Criteria** | **Self Evaluation:**  **Check off if complete** | **Peer Evaluation:**  **Check off if complete** | **Teacher Evaluation: Check off if complete** |
| **Format** |  |  |  |
| *Used Times New Roman, 12 pt* |  |  |  |
| *Double-spaced* |  |  |  |
| *Met word number requirement* |  |  |  |
| *Edited for conventions errors* |  |  |  |
| **Introductory sentences** |  |  |  |
| *Explained why petroleum-based plastics are problematic* |  |  |  |
| *Explained how bioplastics might solve the problem* |  |  |  |
| *Identified your team’s criteria for a cell phone case plastic (refer to your Pugh Chart)* |  |  |  |
| **Hypothesis, Method, Results** |  |  |  |
| *Presented hypothesis in if-then-because format, based on data collected from your own and classmates’ investigations* |  |  |  |
| *Described the methods used, including any additives or modifications of the original bioplastics procedure* |  |  |  |
| *Explained whether results supported or refuted your hypothesis* |  |  |  |
| **Conclusion** |  |  |  |
| *Restated the major goals of your investigation, based on the criteria for a cell phone case your team identified* |  |  |  |
| *Explained where you would go from here if you could continue the investigation, and why* |  |  |  |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_ **Bioplastics PBL Abstract Post Assessment**

An **abstract** is a short, concise summary of your investigation. It must include the purpose of your lab and why it is important, your research question or hypothesis, your methods, your experimental results and your conclusion. In your conclusion, state your main goals and describe where you go from here if you could continue the investigation.

**Abstract Format**:

The abstract must be double-spaced, Times New Roman font, 12 pt, and contain between 250 and 300 words in one or two paragraphs. You will be asked to revise the abstract if any of the following are missing or incomplete.

My peer evaluator is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Scoring Criteria** | **Self Evaluation:**  **Check off (🗹) when complete** | **Peer Evaluation:**  **Check off (🗹) when complete** | **Points Possible** | **Points Earned** |
| **Format** |  |  |  |  |
| *Used Times New Roman, 12 pt* |  |  | 2 |  |
| *Double-spaced* |  |  | 2 |  |
| *Met word number requirement*  *(250-300)* |  |  | 2 |  |
| *Edited for conventions errors* |  |  | 2 |  |
| **Introductory sentences** |  |  |  |  |
| *Explained why petroleum-based plastics are problematic* |  |  | 2 |  |
| *Explained how bioplastics might solve the problem* |  |  | 2 |  |
| *Identified your team’s criteria for a cell phone case plastic*  *(refer to your Pugh Chart)* |  |  | 2 |  |
| **Hypothesis, Method, Results** |  |  |  |  |
| *Presented hypothesis in if-then-because format, based on data collected from your own and classmates’ investigations in labs 1 & 2* |  |  | 2 |  |
| *Described the methods used, including any additives or modifications of the original bioplastics procedure* |  |  | 2 |  |
| *Explained whether your results support or refute your hypothesis* |  |  | 2 |  |
| **Conclusion** |  |  |  |  |
| *Restated the major goals of your investigation, based on the criteria for a cell phone case your team identified* |  |  | 2 |  |
| *Explained where you would go from here if you could continue the investigation, and why* |  |  | 2 |  |
| **Totals** |  |  | **24** |  |