**Lab Report Extension (Template)**

**Instructions**: Use the following as a template to aid you in typing up a lab report for your Oil Spill Experiment. Type the following into a *Google Doc* using what you’ve already prepared on *INB pages 16 and 20.*

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| **Title:** *Incorporate your independent and dependent variable in your title.*  | Title Frames*The effect of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_**Determining how \_\_\_\_\_\_ affects \_\_\_\_\_\_**Determining the most effective \_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_**How \_\_\_\_\_\_\_\_\_\_\_\_\_ changes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **Introduction***Incorporate the following components into the first section of your lab report:** State the question or problem
* Present hypothesis
* Explain how you reached your hypothesis
* Link hypothesis to your previous research or labs
* Provide relevant background information (structure of lipids, any important vocabulary words)
 | Sentence Starters (choose which starters work best to construct your paragraph)The question under consideration is \_\_\_\_\_\_\_\_\_\_\_.I hypothesize that the effect of \_\_\_\_\_ on \_\_\_\_\_ will be \_\_\_\_\_\_\_. To answer the question \_\_\_\_\_\_\_\_, we hypothesize that \_\_\_\_\_\_\_\_\_\_\_.*My hypothesis is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.* *I predict that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.* *If \_\_\_\_\_\_\_\_\_\_\_\_ then \_\_\_\_\_\_\_\_\_\_\_\_\_ because\_\_\_\_.**I intend to show\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**This experiment determines \_\_\_\_\_\_.**Work in this area includes \_\_\_\_\_\_\_.**Other scientists have \_\_\_\_\_\_\_\_\_\_\_.**This hypothesis builds upon \_\_\_\_\_\_\_.* |
| **Materials** *Incorporate the following components into the second section of your lab report.* * List equipment and materials you will use
* Describe how the equipment will be used
 | **Sentence Starters***To complete this experiment, I used \_\_\_\_\_\_\_\_\_\_\_\_.**The set-up for this experiment required that \_\_\_\_\_\_\_\_\_\_.**We measured \_\_\_\_\_\_\_\_\_\_\_\_\_.**To calculate \_\_\_\_\_\_\_, we used a \_\_\_\_\_\_\_.**The purpose of \_\_\_\_\_ was \_\_\_\_\_\_\_.**We used \_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_.**To conduct the experiment, we \_\_\_\_.**It was necessary to repeat \_\_\_\_\_\_\_\_.* |
| **Procedures/ Methods***Incorporate the following components into the third section of your lab report.* * Clarify steps in the sequence
* Explain reasons for steps in process
* Outline experiment design
* Identify constants you are keeping consistent throughout each trial
* Identify which trial will be your control
 | **Sentence Starters***You may write your procedures in a numbered format.* *First \_\_\_\_\_ and second, \_\_\_\_\_\_**Initially \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Meanwhile, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Finally, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**To calculate \_\_\_\_\_\_\_, we \_\_\_\_\_\_\_.**The purpose of \_\_\_\_\_ was \_\_\_\_\_\_\_.**Our method included \_\_\_\_\_\_\_\_\_\_.**The next step is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Continues with \_\_\_\_\_\_\_\_\_\_\_\_\_, and ends with \_\_\_\_\_*\_\_\_ |