**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 \_\_\_\_\_*\_\_\_ |