Introduction

1. Provide background information that you know about Earth’s seasons, concentration of light and temperature, and Earth’s tilt. This can come from the ADI handout as well as notes.
2. Our goal was to “Write the goal of the investigation that was written in the handout”
3. In order to “write the guiding question exactly as shown on the handout”

Method

1. What did you make with all of your materials? Explain all the parts of your model.
2. What did you do with your model in order to collect data? What did you change each time and how did you change it? Write all the steps you took in your experiment.
3. What data did you collect (what was measured/ the outcome variable/ the dependent variable)?
4. How did you analyze/ cook your data? How did you determine the difference in the concentration of light for each angle?
5. What type of investigation was this? Experiment or systematic observation?

Argument

1. What is your answer to the guiding question (your claim)?
2. What evidence do you have to support your claim (what data did you analyze/ cook to come up with your claim)?
3. Include a graph of your data. When you talk about how your evidence supports your claim, make statements such as, “As seen in Figure 1 (this is what your graph can be called if you only have one graph)”.
4. Make sure your graph is labeled correctly on the axes and titled appropriately. Make sure you include units.
5. Explain why using a model is helpful in this case. Why can you use a model to investigate something like the seasons?
6. Make sure to use terms such as “supports the claim” or “does not support the claim”. Do not use the dreaded prove.