

Group Members' Names:

Title of Experiment:

Background Information:

In this section, be sure to include:

- What data was collected from your original experiment
- What question your group is hoping to explore
- What variable you are going to manipulate
- Where in the photosynthesis process this independent variable will have an impact
- How this relates to the theme of solving world hunger

Experimental Design:

In this section, be sure to include:

- Independent variable
- Dependent Variable
- Standardized Variables
- Control Group
- Hypothesis (with an explanation)
- Materials

Procedure:

In this section, be sure to include:

- A clear, step-by-step procedure
- You might want to consult [this](#), but be sure to not simply copy it

Data:

In this section, be sure to include:

- A data table
- A (blank) graph of the data
- A description of how the data will be collected

Discussion:

In this section, be sure to include:

- An analysis of any trends in the data
- A discussion of the significance of these trends
- What implications this has for solving issues of food distribution/world hunger