

**Purpose** – *The purpose of this investigation is to determine....*

**Background Information**- (Nutrient facts about seeds; Nutrient facts about marshmallows; What is a calorie? How does that represent what is happening in your cells? ; Compare the calories per gram in carbohydrates, proteins, and fats.

**Hypothesis** -

**Variables:** *identify the following parts of the experiment:*

IV

DV

Control group

Constants

**Materials** –

**Procedure** –

**Results** - Data Table (*make sure to write a good title on top of your table*)

IV	DV

**Analysis** – Graph; Discuss the possible sources of error in the procedure that can affect the quality of data obtained. Does the data have a consistent trend among all of the groups in your class? Explain

**Conclusion** - (*Write as a paragraph*)

Claim (a statement that answers the problem of the experiment)

Evidence (Explain the numerical data you collected that supports your claim)

Reasoning -Why did that happen?

**Application** – *Consider a world application to this topic and write a testable question that relates to this Experiment/topic.*