

# CASE

## Laboratory Report Template

Name: Josh Moores

### Title

Nutrient Investigation.

### Problem

What types of nutrients are in bread type food?

### Hypothesis

My predictions are that the breads will contain a lot of carbs and fats.

### Materials

- Benedict's solution
- Iodine solution
- Iodine solution
- 2,6 Dichloroindopheno
- Test tubes
- test tube rack
- Distilled water
- plastic pipettes
- Marking pencil
- computer
- Pen
- Agriscience notebook
- Laboratory Notebook

### Procedures

1. Design the investigation that you are about to conduct with your partner.
2. Write a question and hypothesis that you will be solving or proving in this lab.
3. Conduct the experiment after getting the equipment.
  - (1. Fill the test tubes with bread that was soaked in water.)
  - (2. Put the recommended solutions in the test tubes with the soggy bread.)
  - (3. Record data and observations in your lab notebook)
4. Review the data that you collected. Does it support your hypothesis?
5. List the steps of your experiment here. If this is a structured lab (you were given all procedures), you may refer to the Activity sheet here.

### Data Collection

Solutions	reactions
Iodine	black
Benedict's solution	White
2,6 Dichloroindophenol	Light blue
Brown paper towel	Clear
Distilled water	Murky

## **Analysis of Results**

The results we collected is that there are many nutrients in food. The data is that there are more than one type of nutrients in bread.

## **Conclusions**

An inference I can make is that bread is good for you. My predictions were proven because I said that the bread will contain breads and fats and it did. Some possible sources of error were that we messed up somewhere along the way. Some questions are what are the fats and carbs in the bread, we only know there is fats and carbs we do not know the type.