

Name:

Date:

Period:

# IB Physics Lab Report #1

## Resonance

**Introduction-** Write a few sentences describing the purpose of the lab (your research question) and any context you feel is necessary for the reader to understand the lab:

**Hypothesis-** State your prediction as an answer to the research question:

**Materials-** List ALL materials used for the lab

**Procedure-** List ALL the relevant steps of the lab

Results- Fill in the table below with the data gathered in the lab

TITLE:

| Harmonic | Theoretical length (cm) | Actual length (cm) |
|----------|-------------------------|--------------------|
|          |                         |                    |
|          |                         |                    |
|          |                         |                    |

Figure 1:

Analyze- Determine if there is any significant difference between your theoretical and experimental lengths.

Conclusion- State the answer to the research question. Properly defend your conclusion by citing specific data sets collected