

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ Physics

## PHYSICS LABORATORY: Measuring the Speed of Sound

### **Background Information and Purpose**

Determine, experimentally, the speed of sound in the air of the laboratory.

### **Methodology**

Up to you! You can use any equipment available. It is highly recommended that you use Vernier technology to help you achieve this task. Remember to record the temperature of the room on the day of you take the data, in order to have a theoretical value for comparison.

### **Remember:**

1. Refer to the 'Physics Lab Report Guide' before submitting your report.
2. Attach the 'Physics Lab Report Rubric' as a cover page to your paper copy.

***You will be marked on Data Collection and Processing (DCP) for this lab.***