



MAKER JOURNAL

Name: _____

Date: _____

Project/Unit: Design a Noise Cancelling Device

Lesson: 4

Record the time to locate the sound source for each observer in the group.

Observer	Time, Stationary Source	Time, Moving Source
Tommy Hilfinger	3.00 minutes	6.29 minutes

Discuss the following with your group:

Reflection

- 1. What objects or materials in the space do you think were reflecting the most sound? Why?*
- 2. Compare and contrast the experience of locating the sound source when it was stationary vs. moving. Which condition was the most challenging? Develop with your teammates an explanation that explains why this was the case. Be sure to refer to the reflection of sound waves in your explanation.*