

Case Details

Case Title:

Unorganized Noise

Author(s):

Deirdre Mitchell, McNair Middle School
Malissa Summers, McNair Middle School
Laurissa London, Clark Atlanta

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Grade Level(s):

Middle School

Subject(s):

Physical Science

Summary:

Atlanta residents are complaining about the noise from Hartsfield-Jackson International Airport and traffic. The article indicates that Mayor Kasim Reed and Entertainer T.I. are campaigning to find ways to eliminate noise pollution.

Suggested Citation:

Mitchell, D., Summers, M., & London, L. (2011). *Unorganized noise*. Retrieved June 03, 2012 from Emory University, CASES Online Web site:
http://www.cse.emory.edu/cases/casedisplay.cfm?case_id=4198

Learning Objectives:

1. Identify the characteristics of electromagnetic and mechanical waves.
2. Describe how the behavior of light waves is manipulated causing reflection, refraction diffraction, and absorption.
3. Explain how the human eye sees objects and colors in terms of wavelengths.
4. Describe how the behavior of waves is affected by medium (such as air, water, solids).
5. Relate the properties of sound to everyday experiences.

National/State Standards:

S8P4. Students will explore the wave nature of sound and electromagnetic radiation.