## Science

 ExploratoriumTesting Ideas About our Natural World Through Scientific Inquiry


EXPLORATION
AND DISCOVERY


Where or how do scientists start?


## "Turn

## down that

 music before you go deaf!"

# Hypothesis: 

Thirty percent of students at Hortonville Middle/Fox West Academy listen to their music at levels that will cause hearing loss.

## What information should we collect?

- Gender
- Student/Adult
- Song Title
- How long on average do you listen to your music with earbuds or headphones?
- Genre of music
- Brand of headphones
- Grade/Age
- Device
- What activities do you do while listening? Running, riding the bus, ...


## Pre-investigation Research :

Scholastic Action April 6,2015 Article "Attack of the Earbuds"

- READ the article given out in class and record three facts from the article in the space below. Due 11/3/15 A PDF of the article is on the daily agenda
- A 2008 study found that listening to music too loud can cause hearing loss.
- Noise-canceling earbuds are safer than earbuds.
- 2010 study found that 1 out of 5 teens suffer from hearing loss.


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The slides with the yellow background were completed on Monday Nov. $2^{\text {nd }}$


Read online article from Kids Health on hearing and hearing loss. Link

Ran sound tests on students

What are the three most important ideas from the article?



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