



Children's Communication Center
Otolaryngology | Head and Neck Surgery

Presents

Interactive Hearing Lessons



to



SFUSD

**SAN FRANCISCO
PUBLIC SCHOOLS**



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The UCSF Children’s Communication Center team designed an hour-long lesson for children in the 4th grade on hearing and noise. The lesson will include fun, hands-on group activities teaching students how hearing works, the effects of noise, hearing-loss awareness, and safe listening practices, as well as basic scientific process, data collection, and analysis.

At UCSF, we hope that this program will help SFUSD to incorporate hearing safety lessons into their Health and Science learning curriculum.

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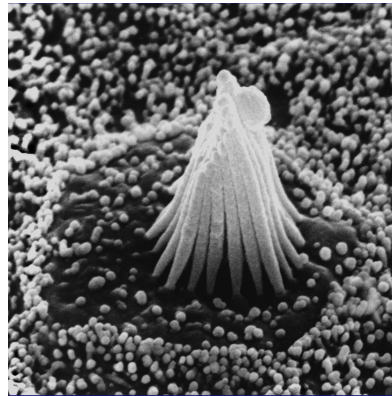
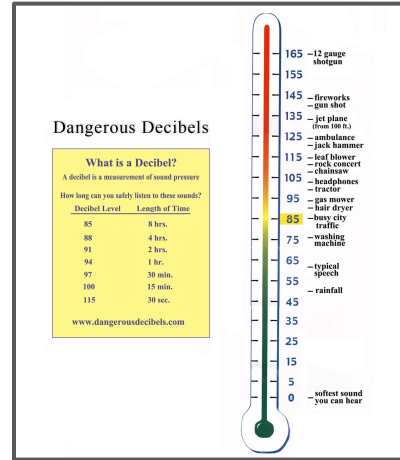
3-4 members of the UCSF Children's Communication Center team (clinical and research professionals who work with children who are deaf or hard-of-hearing or study the science of hearing) will come to your classroom and present a two-part, one-hour lesson:

30-minute full-class interactive lesson covering:

- 1) What is sound and how is it measured?
- 2) How is sound detected by the ear?
- 3) How are cells in the inner-ear damaged by noise?

30-minute small-group activity in which students:

- 1) Determine their own "listening levels" with headphones
- 2) Compare and analyze data on their classmates' listening levels
- 3) Learn about how to protect their hearing



Name:

Date:

Teacher:

School:

Data Sheet: How loud do you listen to your music?

Name	Volume (clicks)	Volume (dB)

Use this conversion table to convert "clicks" to "dB"

Volume (clicks)	Volume (dB)	Volume (clicks)	Volume (dB)
1	54	9	94
2	60	10	98
3	66	11	102
4	71	12	105
5	76	13	107
6	81	14	108
7	86	15	109
8	90	16	110

We are open to any feedback you may provide to improve this learning experience.

Thank you SFUSD for allowing this opportunity to happen.

Questions? E-mail Jenny Stephans (program coordinator) at jihyun.stephans@ucsf.edu

Please use the link below to sign up. Once signed up, we will follow up with you on details.

<https://tinyurl.com/hearinglesson>

