

Planning for Owen Nagel's Success in the Inclusion Setting

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Owen's Hearing Loss

- Owen has a bilateral moderate sensorineural hearing loss.
- Owen uses bilateral Oticon hearing aids to better listen to the world around him.
- Owen uses an Oticon Amigo personal FM to amplify the teacher(s) voice.

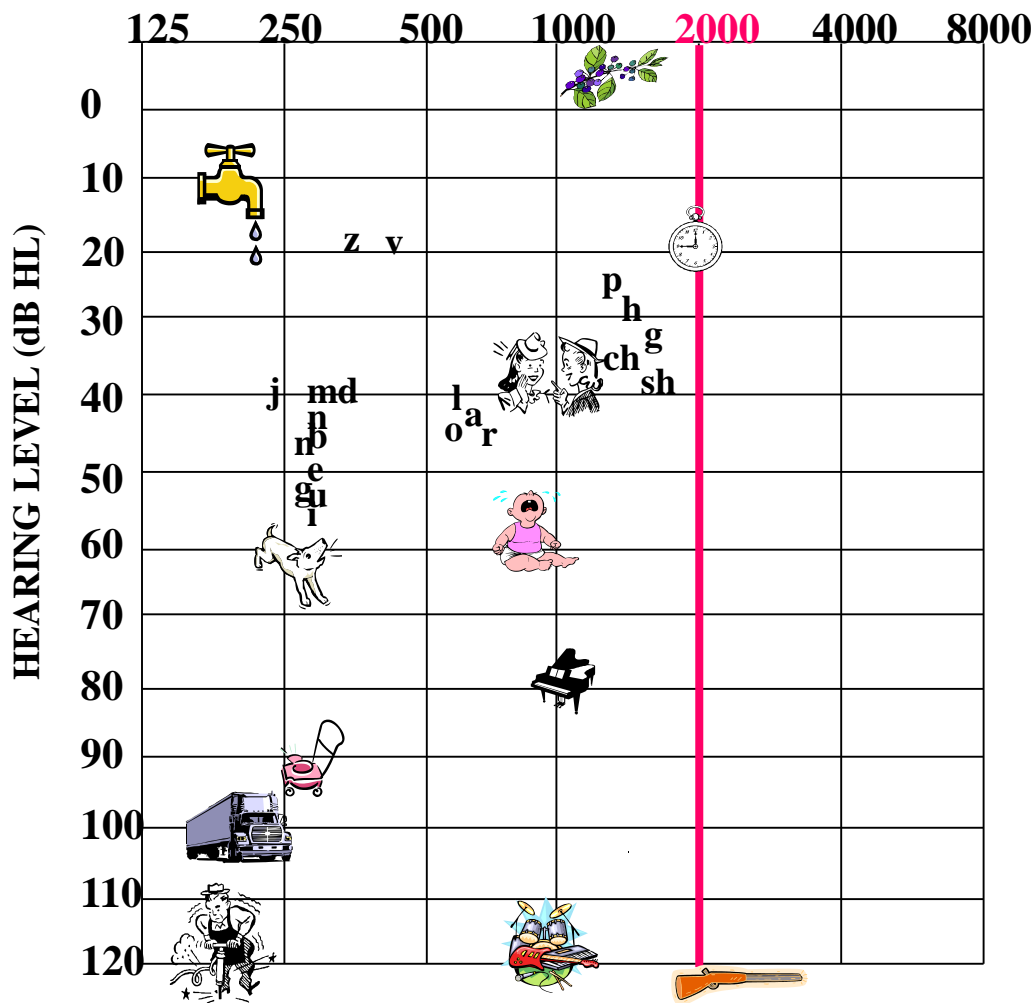
Hearing Loss Simulations

Meet the Flintstones

- <http://www.youtube.com/watch?feature=endscreen&v=TD5E88fFnxE&NR=1>

Grade level simulation: Pre-School

Spelling Words through Simulated Hearing Loss above 1000 Hz



AUDIOGRAM OF FAMILIAR SOUNDS
FREQUENCY IN CYCLES PER SECOND (HZ)



Click on Speaker to Present Spelling word.

Write the words you hear

1. Shoe
2. Tree
3. Math
4. Desk
5. Snack
6. Miss
7. Test
8. Thumb
9. Fish
10. Spill

How does hearing loss affect Owen?

- Ability to fully understand speech at quiet conversational levels
- Language development
- Ability to listen for long periods of time
- Discrepancy between what Owen hears and what is understood
- Vocabulary development
- Ability to listen in background noise
- Ability to follow a conversation with many speakers
- Discrimination of words
- Socio-emotional
- Behavioral
- Others...

How does Owen's equipment work?



How does Owen's equipment work?

A hearing aid has three basic parts:

- a microphone
- an amplifier
- a speaker

The hearing aid receives sound through a microphone, which converts the sound waves to electrical signals and sends them to an amplifier. The amplifier increases the power of the signals and then sends them to the ear through a speaker.

How does Owen's equipment work?

- Owen also uses an FM system that uses a microphone to send sound from the wearer of the microphone to receivers attached to his hearing aids.



FM Transmitter Simulation

- Owen uses an FM to amplify the teacher(s) voice.
- It is important to wear this, as it helps Owen to focus in on important information.

<http://www.youtube.com/watch?v=1137lzLIgQU&feature=youtu.be>



Strategies to Fully Include Owen

- Consistent use of assistive technology.
- Acoustics
- Classroom Interactions
- Comprehension
- Wait Time
- Visual Aids
- Group work
- Pre and Post Teaching
- **HAVE FUN!!!!**

