

# Planning for Success in the Inclusion Setting Mastery Charter-Mann Elementary

Clarke Schools for Hearing and Speech  
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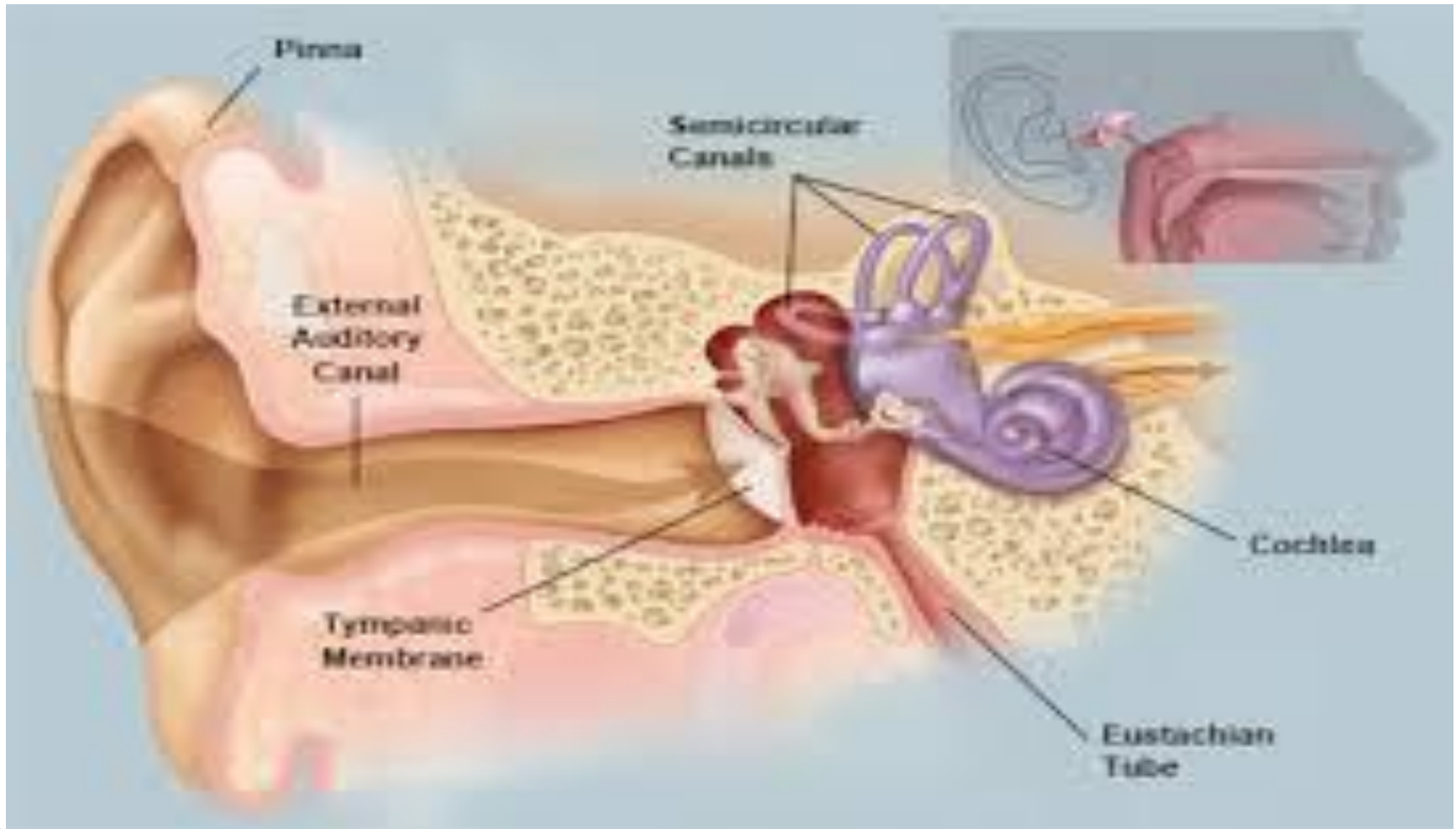
# Rushane's Hearing Loss

- Rushane has a mild to moderate mixed hearing loss in his left ear and a mild hearing loss in his right ear bilateral sensorineural hearing loss.
- Rushane uses Phonak hearing aids to better listen to the world around him.
- He uses an RMT system to have better access to important information from the teacher.

# Aiyana's Hearing Loss

- Aiyana has a unilateral profound hearing loss in her left ear and normal hearing in her right ear.
- Aiyana does not use hearing technology to help her hear better.

# OUTER, MIDDLE AND INNER EAR

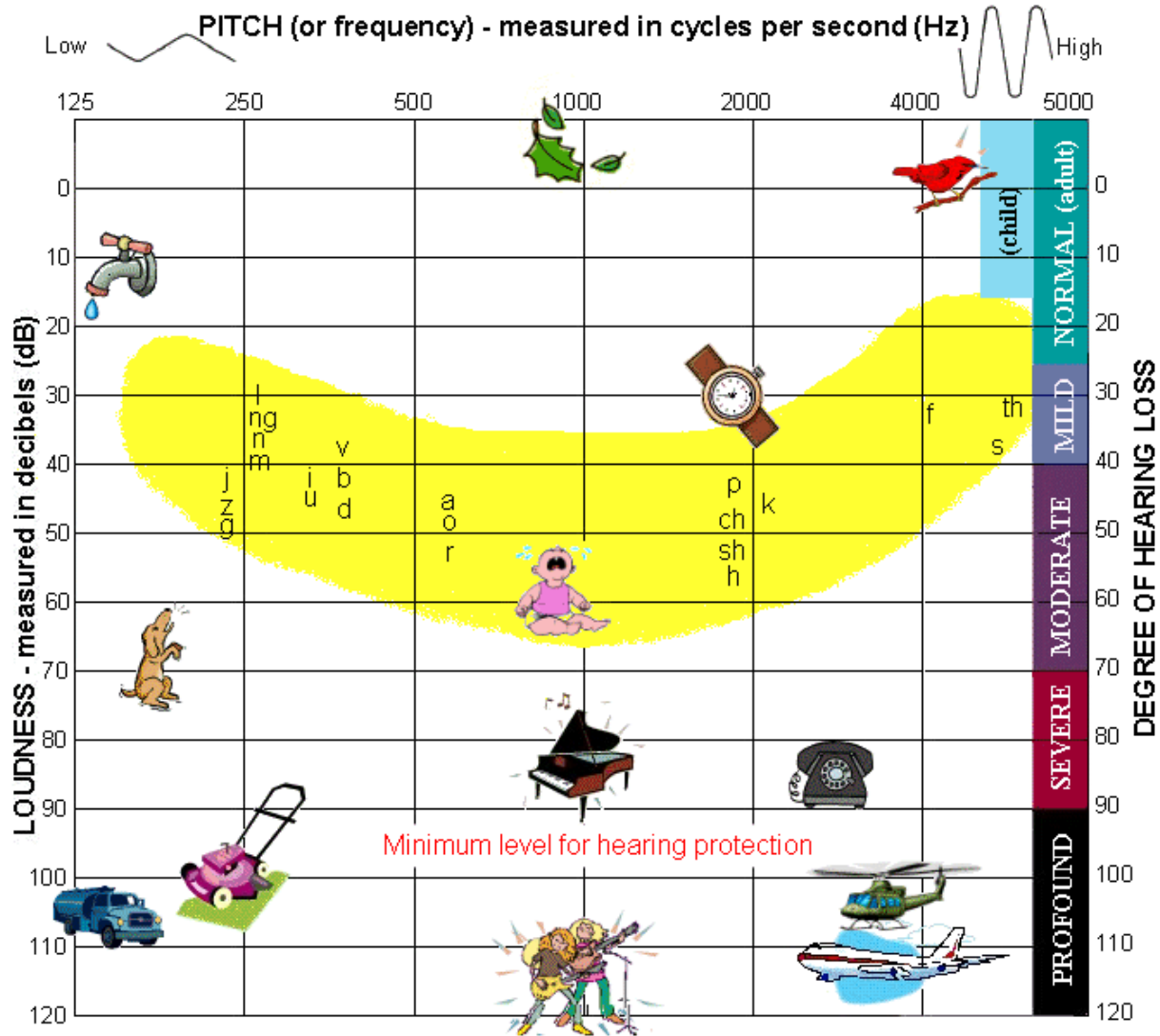


# Meet the Flintstones



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

# What the audiogram shows us





# Test Time—Take out a sheet of paper

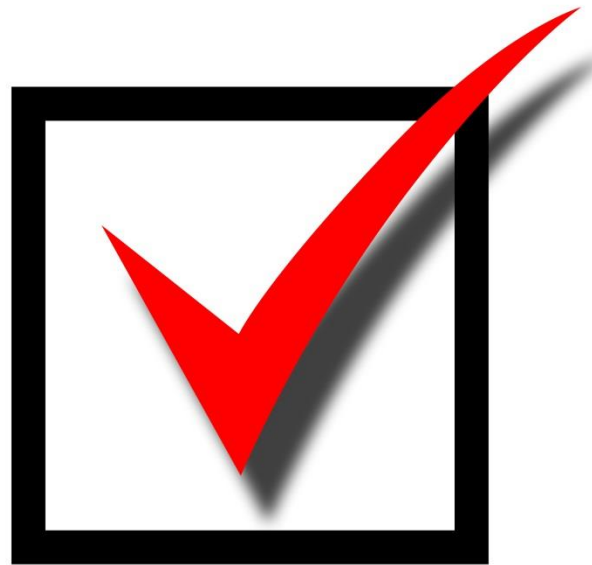
1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 





# How did you do?

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



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# How does hearing loss affect students?

- Ability to fully understand speech at quiet conversational levels
- Language development
- Ability to listen for long periods of time
- Discrepancy between what a child 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 Rushane's hearing aids 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 Rushane's Roger equipment work?

- Rushane uses a Roger system (formerly known as RMT) that uses a microphone to send sound from the wearer (speaker) of the microphone to receivers attached to her hearing aids.



# RMT Transmitter Simulation

- Rushane uses an RMT to amplify the teacher's voice.
- It is important to wear this, as it helps Rushane to focus in on important information.

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



## With and Without an RMT system

- [https://www.youtube.com/watch?v=RBrnvGKLF\\_Q](https://www.youtube.com/watch?v=RBrnvGKLF_Q)

# Strategies to Fully Include Our Students

