STUDENTS WITH HEARING IMPAIRMENT: WHAT DO I NEED TO KNOW
Are you ready??
Definition of Auditory Impaired (Sped) or Hearing Impaired (504)

...a hearing loss severe enough to affect language development, speech, and educational success after corrective medical treatment and/or amplification.
This audiogram plots the average “pitch” (Hz) and “loudness” (dB) of a variety of speech and environmental sounds.

Severity of hearing loss is indicated on the right. Sounds that fall above the student’s plotted threshold on the graph will be inaudible.
Wait! I know you can hear me!
The Unfair Spelling Test

This is a spelling test to give you an example of what a student with a hearing loss at 2000 Hz hears. This is a COMMON frequency for hearing loss.

“Number your paper from 1 to 10 and click your mouse.”

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10.
Spelling Words through Simulated Hearing Loss above 1000 Hz

Click on Speaker to Present Spelling word.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
1. Shoe
2. Tree
3. Math
4. Desk
5. Snack
6. Miss
7. Test
8. Thumb
9. Fish
10. Spill
What a Hearing Impaired Student May Hear

Below is a breakdown of what a hearing impaired student might typically hear. Obviously, the greater the loss, the less the student hears.

*Listening for Speech with a Sensorineural Hearing Impairment*

**Normal Hearing:**

FREDDIE THOUGHT HE SHOULD FIND A THISTLE BEHIND THE FISH HOUSE.
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**Listening for Speech with a Sensorineural Hearing Impairment**

*Normal Hearing:*

FREDDIE THOUGHT HE SHOULD FIND A THISTLE BEHIND THE FISH HOUSE.

*Mild to Moderate Hearing Loss:*

 Dựş inefficient out he should in i be in the Ish ou.
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Moderate to Med-Severe Hearing Loss:

RED OU OU IN I BE I OU.
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**Mild to Moderate Hearing Loss:**

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**Moderate to Mod-Severe Hearing Loss:**

_RED_ _OU_ _OU_ _IN_ _I_ BE _I_ _I_ _OU_.

**Severe Hearing Loss:**

_E_ _OU_ _I_ _I_ _I_ _I_ _I_ _OU_.

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Mild to Moderate Hearing Loss:

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Moderate to Mod-Severe Hearing Loss:

RED OU OU IN I BE I I OU.

Severe Hearing Loss:

E OU I I I I OU.

Profound Hearing Loss:

Long Long Short Long Long
Most students with a hearing impairment will have a Hearing Aid, a Cochlear Implant or BAHA. All of those are stand alone and work well to help students hear better when at home, or away from school.
Hearing Assistive Technology (HAT) for students with an Auditory Impairment (Sped) or Hearing Impairment (504) Students

In the classroom, some students may need additional assistance to fully access the information coming from the teacher. HAT is designed to improve a listener’s understanding of speech both in noise and from a distance. A transmitter/mic used by the speaker sends the sound of their voice directly to receiver(s) worn by the listener.
Teachers:

Students:
Hearing Aids Only  VS.  Hearing Aids *with* Hearing Assistive Technology System
HATS
Example of Preferential Seating:

- Close to teacher for better speech reading
- Speaker is not in front of windows
- Away from A/C noise
- Away from door and hallway noise
- Away from overhead noise and glare
- Note: If addressing class from desk, ensure student's attention before beginning.
What are these Accommodations?
More Interesting Facts:

Most Challenging places for Hearing Impaired People

https://www.youtube.com/watch?v=W3DZ3RWpdJo
Questions for us??????

THANK YOU FOR COMING TODAY!

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