

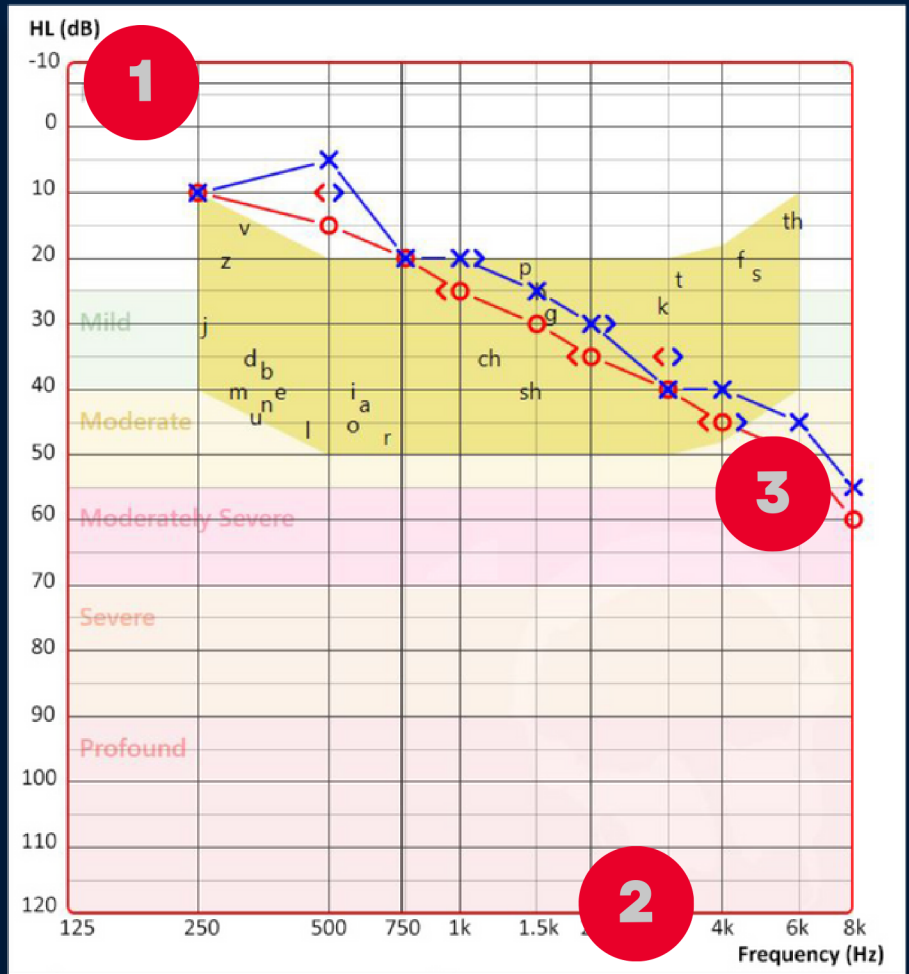
BASICS

How to Read Your Audiogram

The space above your "x" and "o" symbols represent all of the sounds you're missing because of your hearing loss.

- 1 The intensity of sound is noted down the left side of the graph. The softest sound is at the top, the loudest sound is at the bottom. Sound is measured in decibels (dB).
- 2 Frequency or pitch is noted along the bottom. Like on a piano, the pitch goes from the lowest on the left to the highest on the right. Pitch is measured in Hertz (Hz).
- 3 The blue "x" symbols indicate the responses of the left ear. The red "o" symbols indicate the responses of the right ear.

When using air conduction the "x" and "o" symbols show the softest sound you can hear at each frequency.



The letters on the graph in the yellow area, called the speech banana, show where consonant and vowel sounds are produced in average conversation

Finding Your Threshold

Threshold is the softest sound you can hear at a certain frequency

Audiometer

The instrument a hearing care professional uses to test your hearing - it make a series of beeps at certain intensities & frequencies

Whisper - **30dB**

Normal Conversation - **60dB**

Motorcycle - **95dB**

Fire Crackers - **155 dB**

Gun Shot - **170 - 190 dB**

Loud noise above 120 dB can cause immediate harm to your ears



A2D+ Dual Channel Audiometer

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