

What is Auditory Closure?

Definition:

- Auditory closure refers to the ability of the normal listener to utilize intrinsic and extrinsic redundancy to fill in missing or distorted portions of the auditory signal and recognize the whole message.
- This process involves taking small pieces of auditory information and constructing a whole message from them.

Examples:

- understanding in background noise- coughing, doors slamming, shuffling papers, etc.
ex) She bought some *b*cough*d* at the market. Missing word: *bread*
- understanding regional dialects
ex) He had "SALLmon" for dinner. Different pronunciation: *salmon*
- understanding quiet speakers and "mumblers"
ex) I donnoivIkingothereaftaschool. Translated: *I don't know if I can go there after school.*

The following options are provided as a general guide. For specific recommendations or clarification please see the evaluation report.

Treatment/Activity Options:

- discrimination training using speech and non-speech targets
- noise tolerance training
- lipreading/speechreading skills
- auditory closure activities:
 - Earobics for children
 - telephone game
 - rhyming games
 - Wheel of Fortune™
 - sound blending games
 - vigilance games
 - Read My Lips™
- attribution and self-advocacy training

Modification Options:

- preferential classroom seating
- noise abatement at school and at home
- signal repetition
- American Sign Language as second language choice
- obtain class notes from teacher
- adjusted class schedule to minimize auditory overload
- pre-teaching of new information, especially vocabulary
- multisensory educational environment with verbal material complemented in writing or graphically