

What is Binaural Interaction?

Definition:

- Binaural interaction refers to the ability to detect a signal in noise.
- This process involves being aware of and actively separating the signal from the background noise.

Examples:

- understanding speech in the presence of other speech
ex) talking with a friend at a party
- understanding speech in the presence of background "noise"
ex) talking with a coworker in front of a noisy machine
- understanding speech in the presence of complex noise
ex) understanding the teacher while other students are talking, the heater is running, and papers are being shuffled

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
- speech-in-noise training
- binaural interaction activities:
 - Taboo
 - Scattergories
 - Bopit
 - instrument lessons
 - telephone game

Modification Options:

- preferential classroom seating
- noise abatement at school and at home
- trial with FM system for direct signal enhancement
- signal repetition
- pre-teaching of new information, especially vocabulary
- note-taker, as needed
- rephrasing and clarification