

Lucker's Multisystem Integrated Approach

- *General Attention- Staying on task or sustaining attention*
 - *Auditory Distraction- Staying focused in the presence of extraneous auditory distraction*
 - *Auditory Sensitivity: Sensitivity or awareness for auditory input*
 - *Auditory Hypersensitivity- Sensitivity or emotional reactivity to auditory input*
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- *Phonemic Extraction- Recognizing and discrimination individual speech sounds*
 - *Lexical Extraction- Recognizing and meaningfully processing words*
 - *Temporal Extraction- Recognizing and discerning timing cues in spoken language (silent gaps (short vs. long that tells us when a word ended and another began or give us cues related to a continuing thought similar to a comma in written language or end of a thought similar to a period in written language); duration of a sound (short vs. long vowels); and intonation and inflection patterns (that give us contextual cues).*
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- *Memory Input- Efficient input of information in short-term memory required for working memory, ongoing conversational skills, and other mental manipulation tasks*
 - *Memory Recall- Retrieving information stored in short-term memory for manipulation of information*
 - *Memory Span- Holding longer units or lengths of information, and stretching the capacity via scaffolding, strategies, maturity, and practice*
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Lucker's Multisystem Integrated Approach

- *Phonemic Integration- Blending speech sounds into meaningful units or words*
 - *Lexical Integration- Combining a string of words to make meaningful units of information*
 - *Temporal Integration- Differentiation and comprehension of information based on context (“look out the door” vs. “Look out! the door”), and timing cues extracted in spoken language*
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- *Sound Symbol Association- Associating auditory information to visual-symbolic representations*
 - *Organization-Sequencing- Keeping and manipulating information using organization and sequencing skills (completing tasks)*
 - *Output Encoding- Speech motor skills programming for formulating and repeating oral responses efficiently and effectively*
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