

O For orthography

- Orthography: the rules governing the written symbols of a language
- Examples: recognizing and using spelling patterns, matching letters and sounds

S for Semantics

TAE CAT

- Semantics: the rules governing the meaning of words
- Examples: antonyms, synonyms, multiple meanings



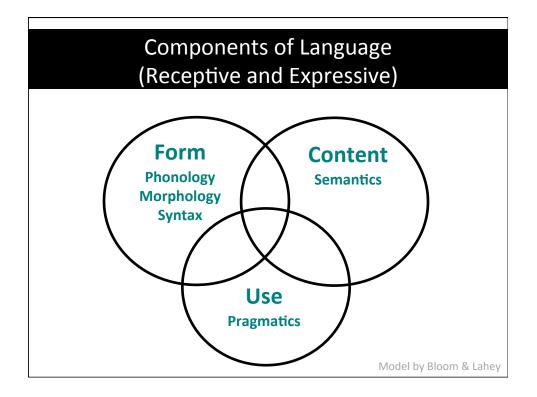
S is for Syntax

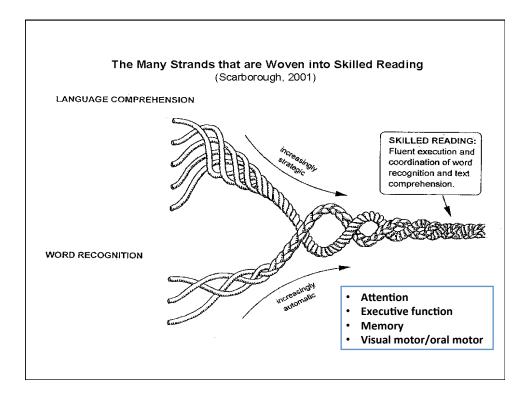
- Syntax: the rules governing the organization of language (e.g., into sentences)
- Examples: sequence and organization, nounverb agreement, pronoun use

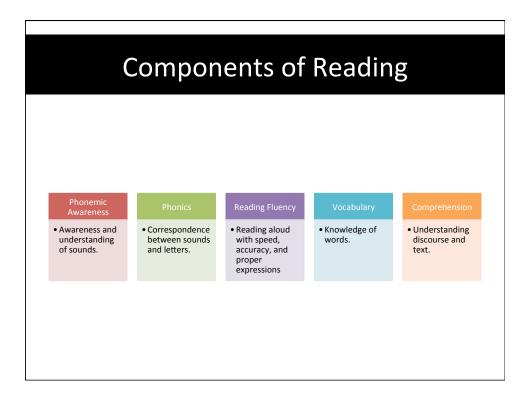
"Truly wonderful, the mind of a child is." Yoda, Attack of the Clones

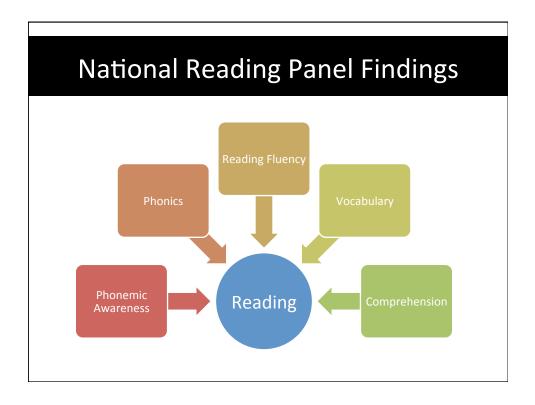
> "Judge me by my size, do you?" Yoda, The Empire Strikes Back

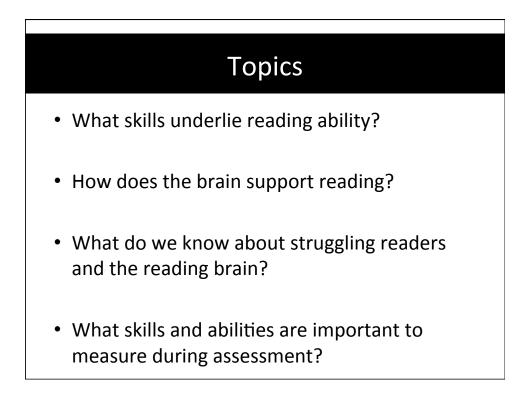


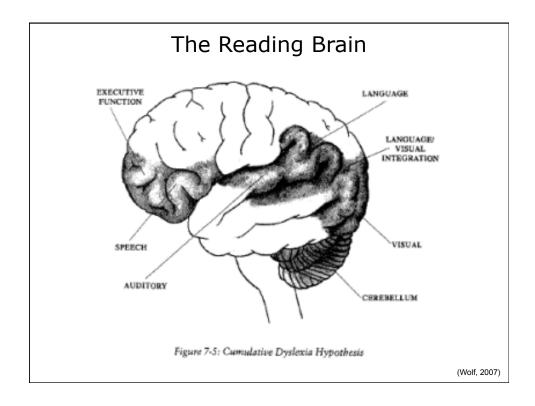


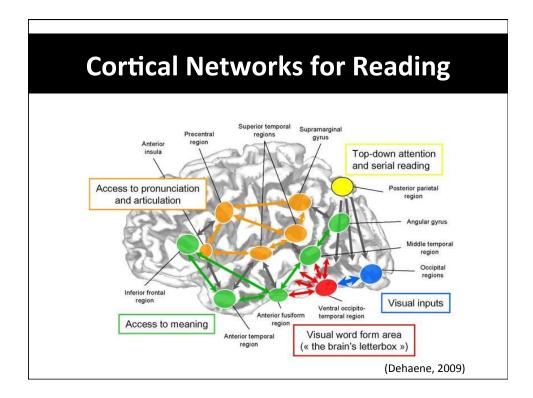


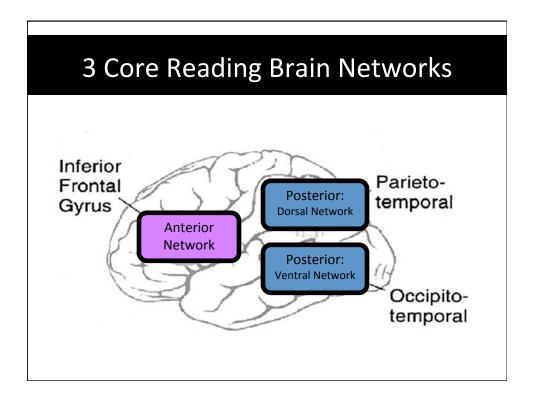


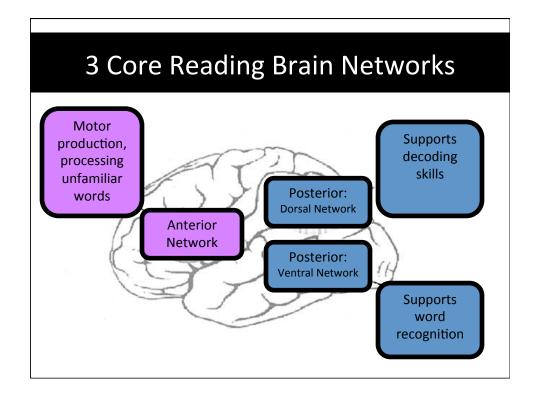


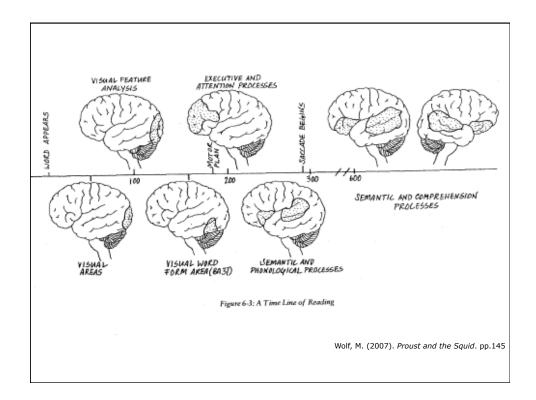






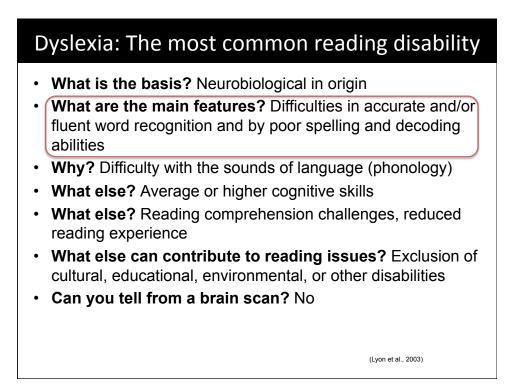


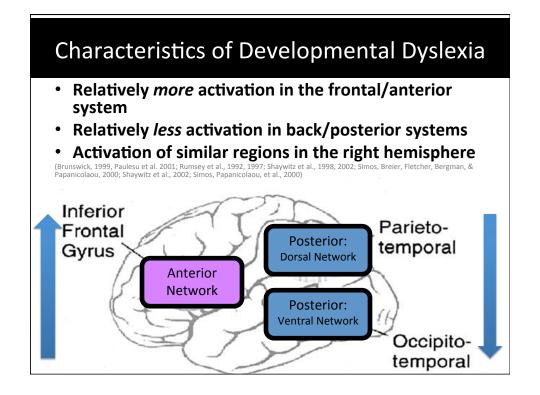


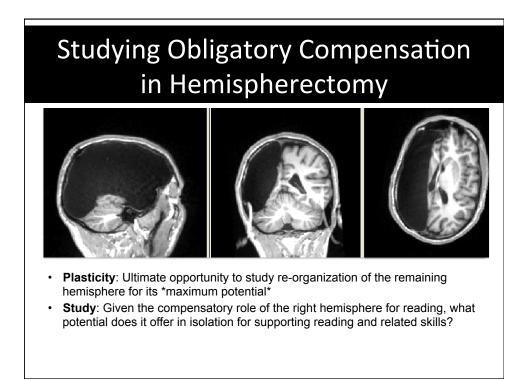


Topics

- What skills underlie reading ability?
- How does the brain support reading?
- What do we know about struggling readers and the reading brain?
- What skills and abilities are important to measure during assessment?





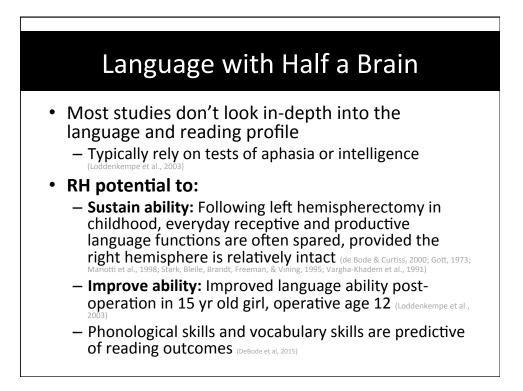


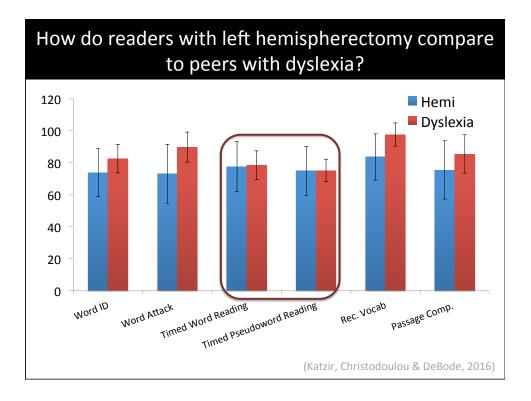
Early plasticity vs. Early vulnerability (Hessen et al., 2007)

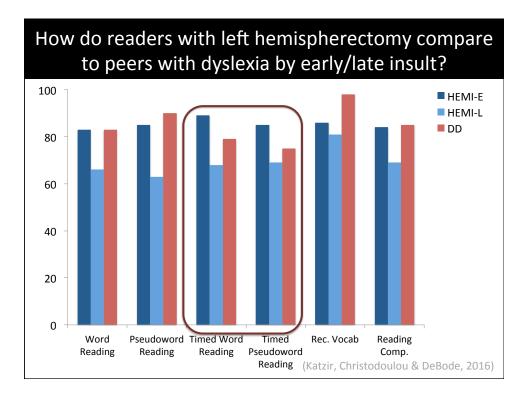
 Are specific cerebral functions (e.g., speech, memory) 'innately specialized' to particular brain regions, with limited potential for reorganization or transfer, resulting in poor outcome?

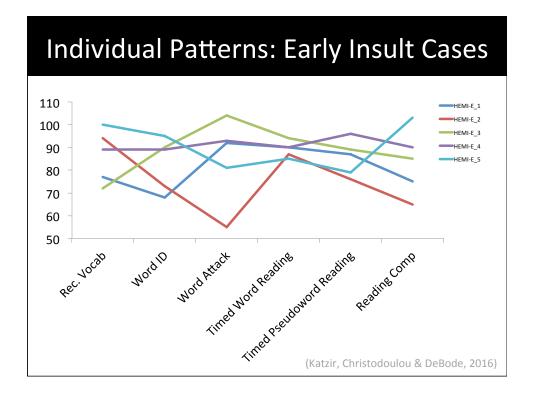
Or

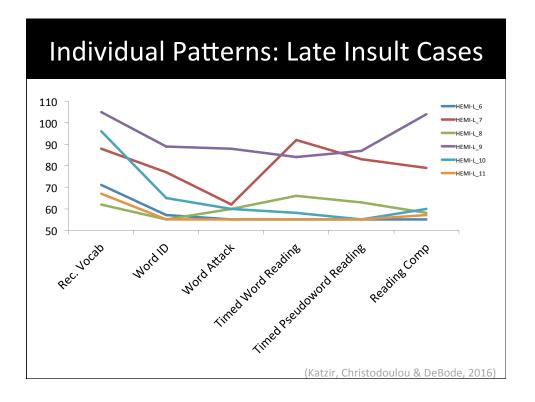
 Does the immature brain show 'equipotential', with minimal functional localization early in development, enabling healthy brain to take up functions previously the responsibility of damaged areas? (Aram, 1988; Oddy, 1993)





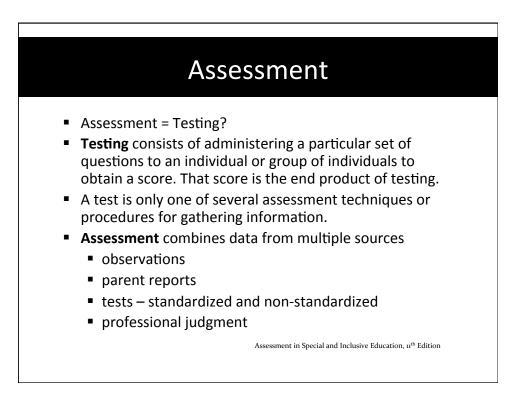


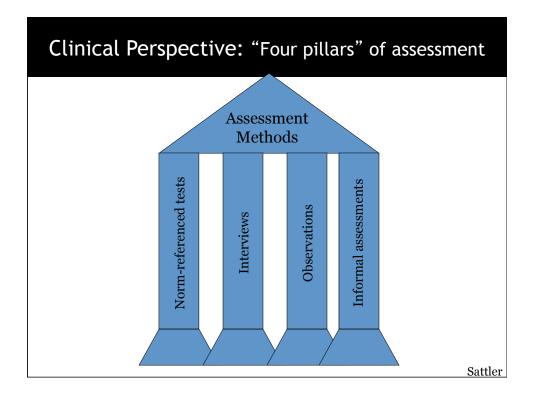




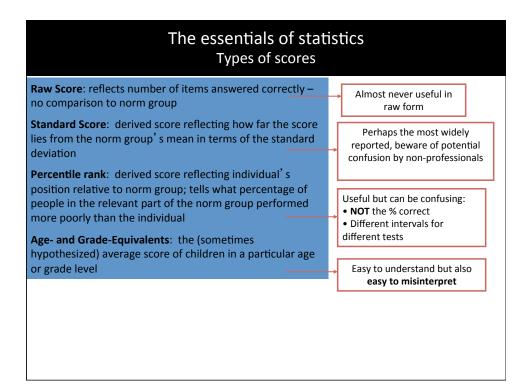
Topics

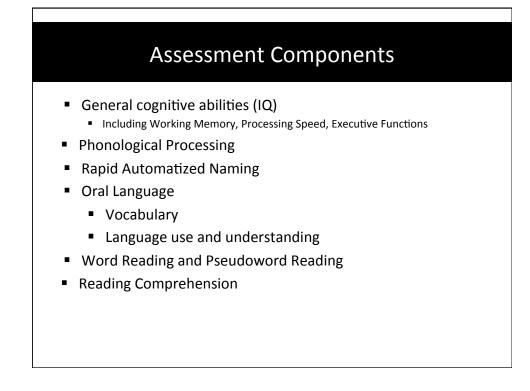
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Mhat problem-solving strategies are used? Persistence, flexibility, and frustration tolerance: how easily does a student give up and when? Testing limits: can a student go beyond the "ceiling"? Does a multiple-choice format change performance? Difference on expressive vs. receptive tasks? Do errors appear to be inattentive/impulsive? How effortful and/or stressful are certain tests? What tasks elicit enthusiasm and enjoyment? Withdrawal or reluctance? How consistent is performance within each test?





Headlines

- Reading abilities should be understood in the context of cognitive and language skills
- Reading abilities involve
 - Component skills: phonology, rapid naming
 - Outcome skills: word reading, comprehension, writing
- Phonology (and rapid naming) skills predict reading outcomes

