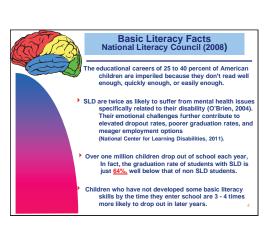
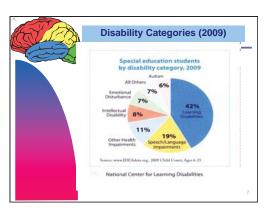


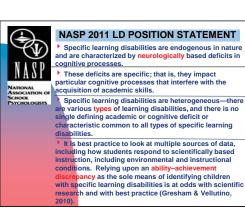
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Further Reading Materials

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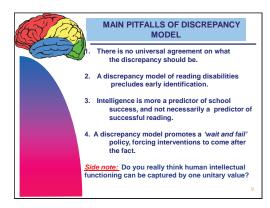


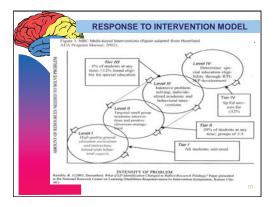
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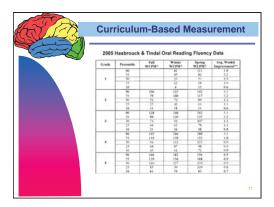


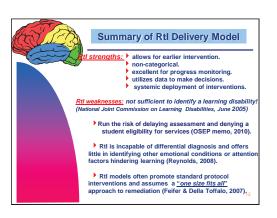


School Neuropsychological Assessment Neuropsychology: An analysis of learning and behavior which examines <u>brain-behavior</u> relationships. The underlying assumption is that the brain is the seat of <u>ALL</u> behavior; therefore, knowledge of cerebral organization should be the key to unlocking the mystery behind most cognitive Reports based upon a brain-behavioral paradigm which attempts to describe how a child learns and processes information...not label. More comprehensive!! ▶ Evidence based interventions require evidence based assessments!!

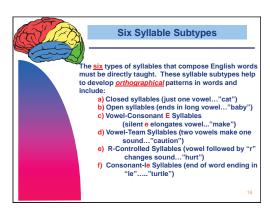
Four Universal Truths of Reading I. In all word languages studied to date, children with developmental reading disorders (dyslexia) primarily have difficulties in both recognizing and manipulating phonological units at all linguistic levels (Goswami, 2007). Highest Incidence:
China 5-8%
United States 5-10% Lowest Incidence: Slovakia 1-2% Russia 10% **Britain** 4% Israel 10% 4% 5% 5% Poland Finland 10% Belgium Greece 20% Japan India (Smith, Everatt, & Salter, 2004)

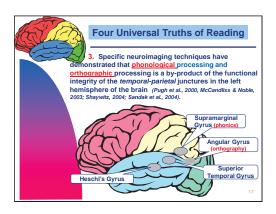
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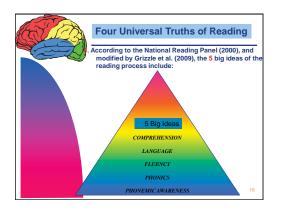


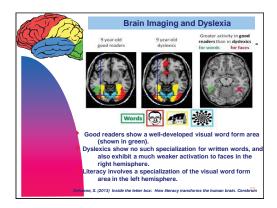


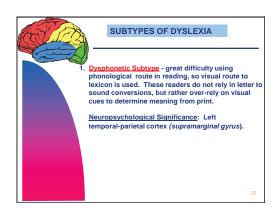
Four Universal Truths of Reading 2. The English language is not a purely phonological language In fact, one letter may map to as many as five distinct phonemes or sounds. English speaking children tend to develop phonemic processing more slowly (Goswami, 2007). The English language includes over 1,100 ways of representing 44 sounds (phonemes) using a series of different letter combinations (Uhry & Clark, 2005). By contrast, in Italian there is no such ambiguity as just 33 graphemes are sufficient to represent the 25 phonemes Therefore, 25% of words are phonologically irregular (i.e. "debt", "yacht", "onion", etc..) or have one spelling but multiple meanings (i.e. "tear", "bass", "wind", etc..) <u>Summary</u>: We need to develop orthography!!











11

12

9

10/11/2013 10/11/2013

NATIONAL READING PANEL CONCLUSIONS

(1) The younger the child, the better the outcome.

(2) The "at-risk" child responds best to small group instruction (3:1), with phonological awareness training being combined with explicit phonics.

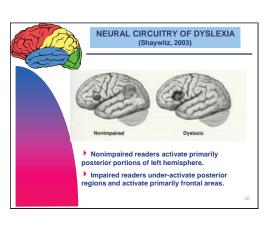
(3) Highly trained teachers achieve the best results.

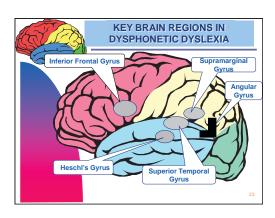
(4) Frequency of instruction (4-5 days per week) was more effective than sporadic instruction (2 days per week).

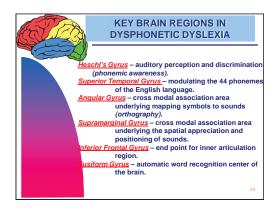
(5) For each successive year in school, more intensive phonological instruction is required.

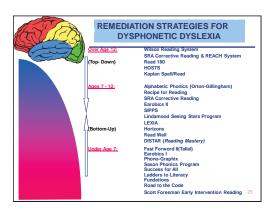
(6) The following characteristics were associated with poor outcome:

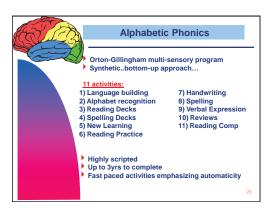
a) attention or behavior concerns
b) low socioeconomic status
c) poor verbal skills
d) poor rapid naming skills

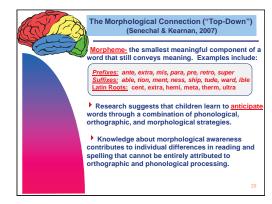


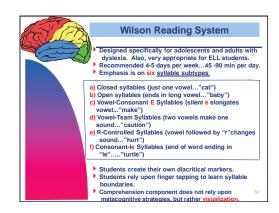








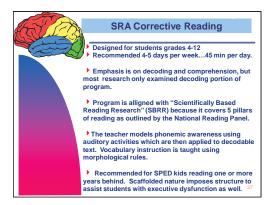


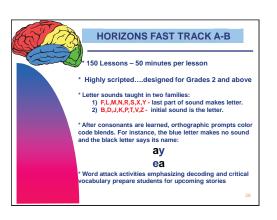


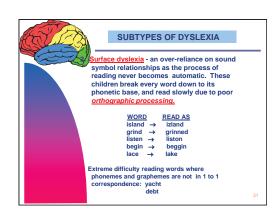
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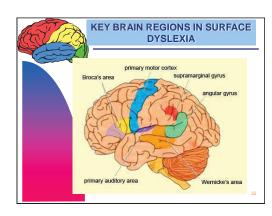
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10/11/2013 10/11/2013

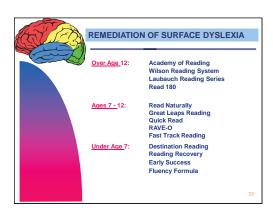


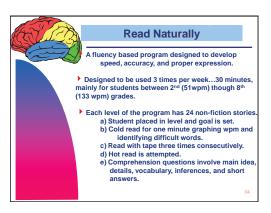






10/11/2013





4 REMEDIATION STRATEGIES FOR MIXED DYSLEXIA

1) Balanced Literacy - An eclectic and approach capitalizing on the particular strengths of the child. Consider using a multi-sensory type of Orton-Gillingham program, coupled with a fluency model such as Read Naturally, and the computerized models of Read 180.

(2) Top Down Strategies - Often atypical development mapping individual sounds to the visual word form association areas (Temple, 2002; Shaywitz, et al, 2003; Noble & McCandliss, 2005).

(3) Socioeconomic Status - According to Noble and McCandliss (2005), socioeconomic status (SES) is a very strong predictor of reading skills due primarily to the home literacy environment. Therefore, schools need to provide more reading opportunities.

(4) Motivation and Confidence - Great Leaps, Read Naturally etc. tend to give immediate feedback.

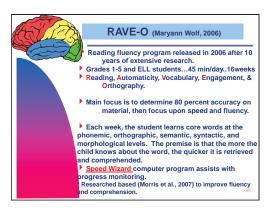
Read 180 (pr. Ted Hasselburg)

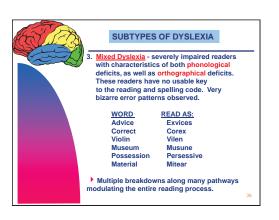
A 90 minute per day balanced literacy program.
Designed for grades 4th – 12th.
1) 20 minute whole group instruction where teachers model fluent reading skills.
2) Students then move to three-20 min stations.
a) Teacher Station – small group differentiated instruction to reinforce previous concepts.
b) Computer Station:
Reading Zone (phonics, fluency, vocab)
Word Zone (automaticity of decoding)
Spelling Zone
Success Zone (comprehension strategies)
C) Library Station – read silently and written language activities.
Software adapts level of instruction to learner.
Expensive, but research based…recommended for most struggling readers.

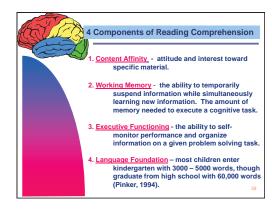
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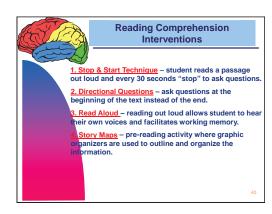
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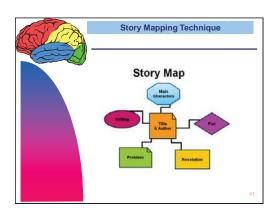
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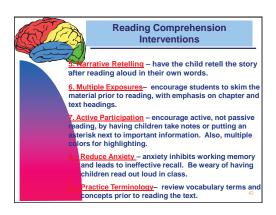


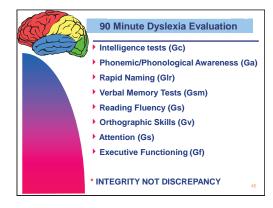


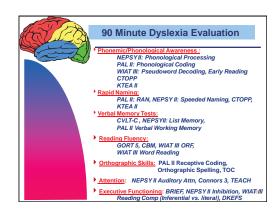












10/11/2013 10/11/2013

