

Roles and Responsibilities

* The Guidelines for Roles and Responsibilities of Speech-Language Pathologists With Respect to Reading and Writing in Children and Adolescents, state: the roles and responsibilities for SLPs with regard to reading and writing in children and adolescents include, but are not limited to:

* Prevention.

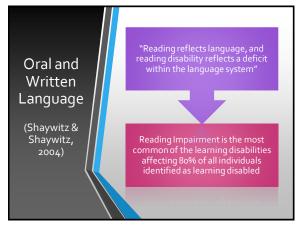
* Identification.

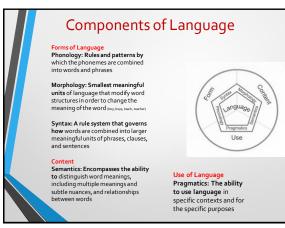
* Assessment.

* Intervention.

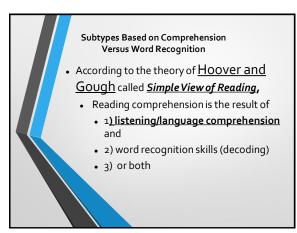
* Other roles. Other roles include providing assistance to general education teachers, families, and students; advocating for effective literacy practices; and advancing the knowledge base.







Literacy defined the ability to read, write, and spell the ability to use language proficiently Collins English Dictionary - Complete and Unabilitydidd, 13th Edition 2014, 6 HarperCollins Publishers 2014.



Reading Disorder/Dyslexia Definition of Dyslexia

"Dyslexia is a specific learning disability that is neurobiological in origin. It is characterized by difficulties with accurate and/or fluent word recognition and by poor spelling and decoding abilities. These difficulties typically result from a deficit in the phonological component of language that is often unexpected in relation to other cognitive abilities and the provision of effective classroom instruction." (Lyon & Shaywitz, 2003)

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Narrow Definition: Dyslexia

National Institute of Child Health and Development (Lyon, Shaywitz, & Shaywitz, 2003)

- Secondary consequences: may include—
 - problems in reading comprehension (e.g., all areas of language—morphosyntax, semantics, pragmatics) and
 - reduced reading experience that can impede growth of vocabulary and other areas of language and background knowledge.

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Dyslexia defined as

- Language-based
- Slow and/or inaccurate reading
- Poor spelling
- Core deficit is in phonological processing (e.g., PA, PM, RAN)
- Difficulties exist despite adequate cognitive abilities and appropriate instruction
- Can impede vocabulary growth due to reduced reading
- Do not outgrow with maturity

Broader Definition: Reading Disability Used for children who typically have delays in oral language acquisition that affect their ability to comprehend language in any form whether oral or written. May learn to decode in early grades and are able to manage content when simple and the demands on comprehension are

However, their weak or al language skills are inadequate to support the more complex content they need to process in grade-level reading material

have a Combination: RD

limited.

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Early Red Flags: Alphabet Knowledge Preschool:

Research:

- Difficulty learning and remembering the names of letters in the alphabet
- Difficulty recognizing letters in his/her own
- Difficulty with word retrieval
- Difficulty learning numbers, days of the week, colors, and shapes

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Identifying Signs of Dyslexia: Second Grade-Middle School

- Very slow in acquiring reading skills
- Slow and awkward oral reading
- Trouble reading unfamiliar words
- Avoids reading out loud
- Word retrieval
- Mispronunciation of long or complicated words
- Trouble remembering dates, names, telephone numbers, random lists
- •Trouble finishing tests on time
- Low self-esteem



Risk Status of Children with Speech-Language Impairments

- Approximately 10-15% of children in kindergarten are identified with speech/language impairment
- Over 50% of children with Language Impairments will have academic difficulties
- "One of the most compelling findings from recent reading research is that children who get off to a poor start in reading rarely catch up".

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What do we know from Research:

Phonemic awareness plays a significant role in the development of reading and spelling abilities

Morphological awareness is related to children's spelling, word-level reading, and reading comprehension abilities

Semantics: Oral vocabulary skills (receptive or expressive vocabulary ability) are related to reading and spelling

What do we know from Research: Syntax: A definite association between syntactic abilities and literacy outcomes are established in research Pragmatics: Narrative abilities in kindergarten predict: —

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Assessment

Where is the breakdown?

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Oral and Written Language Assessment: Solving the Puzzle

- Assess the five areas of Language
- Assess Oral and written language

Key Areas to assess: Assessment

- 1. Underlying phonological processing skills
- 2. Underlying spoken language skills
- 3. Narrative
- 4. Reading and writing skills
- 5. Spelling skills
- 6. Cultural context

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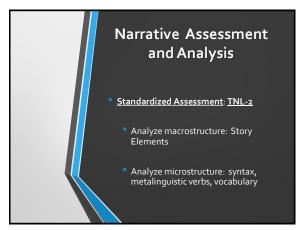


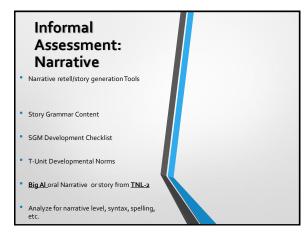
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Standardized
Word-level reading and
Rate/Accuracy/Fluency/Comprehension

- Woodcock Reading Mastery Rest-Revised
- Gray Oral Reading-5









Prior to reading the story tell client you are going to read him a book Following reading the story you will ask questions regarding the story and have him tell the story Read the story with expression Ask questions; record answers Client tell the story *Then write story

Syntax/Semantic Analysis: Analyze Narrative Sample base on syntax/semantics/etc. Syntax - look at areas such as: Regular/irregular past tense Regular/irregular plurals Comparative/superlative coordinating conjunctions subordinating conjunctions Etc. Semantics: note difficulty with semantics (i.e., inappropriate use of vocabulary, non-specific language, etc.)

Narrative Analysis:

Use the Narrative Decision Tree and the SGM Developmental Checklist to determine the Narrative level exhibited by the client

- Descriptive Sequence
- Action Sequence
- Reactive Sequence
- Abbreviated Episode
- Complete Episode
- Complex Episode

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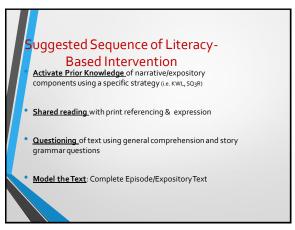


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Literacy Based

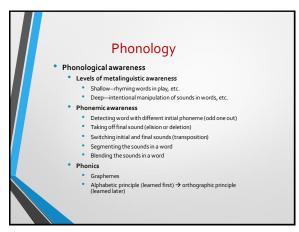
The narrative platform provides an <u>authentic learning</u> opportunity and encouraged <u>active participation</u> in the intervention

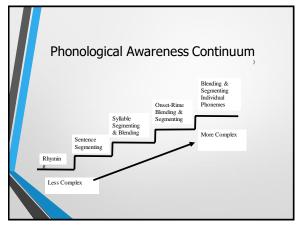
Strategic learning must be developed within a meaningful context. Provides a shared learning context for mediated learning with a rich information base – information that can be examined from multiple perspectives

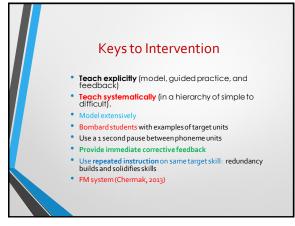


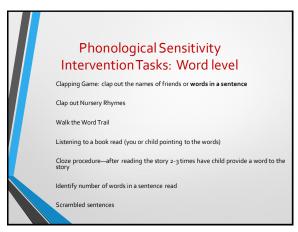
Sequence of Literacy - Based Intervention • Focused Skill Intervention targeting individual goals using narrative/expository theme 1) Phonological Sensitivity/Sound Symbol (words from story) 2) Semantics (vocabulary from story) 3) Syntax/Morphology (sentence structures emphasized in story) 4) Narrative/Expository 5) Pragmatic activities (social thinking)



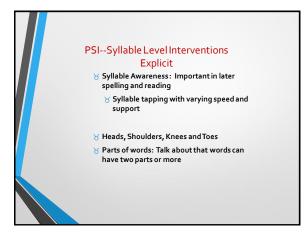


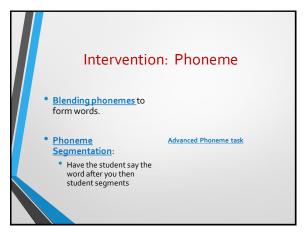


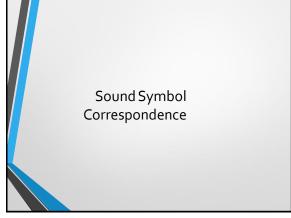


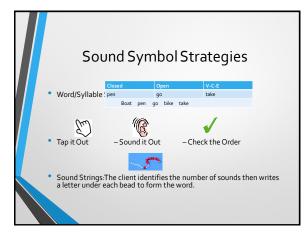


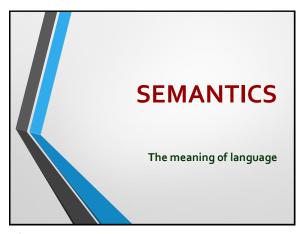
Rhyming During Fluent Reading • How do words rhyme? • Words rhyme(ending sounds are the same) • Emphasize the rhyming words • Bring attention to the rhyming words • Which word does not rhyme?











Semantics — What does the research say? • MULTIPLE exposures to a specific vocabulary words have a greater effect on vocabulary learning • Struggling learners with language and reading deficits need as many as 55 trials to acquire novel words compared to 7-11 trials for typical learners • Maximize the number of responses in a limited amount to time to get vocabulary growth

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What does it mean to have a word in your vocabulary?

- Lexicon/Lexical Entry
- Word meaning
- Pronunciation of the word
- Synonyms
- Multiple meanings of words
- Grammatical classification of the word
- Derivation of the word
- Sentence frames the word can appear in
- Word spelling

Decks Method: Intervention Sequence for Tier 2 Words 1. Read the story 2. Contextualize the word within the story (go back to the book) 3. Have child say the word (write the word and have client say the word) 4. Provide a child-friendly explanation of the word 5. Give examples/nonexamples in a different context 6. Engage children in interacting with words

7. Have students repeat word again – and again!8. Review and use new

Dr. Anita Archer: wordshttps://www.youtube.com/watch?v=fr7yRYegjb8

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Byrnes Strategy Cover all areas with sticky notes except target word and picture. Ask client to guess what word would mean based on picture Uncover green box and read definition. Ask questions based on word. Uncover purple box. Read sentences to client and have them circle the one that is used correctly.

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Byrnes Strategy



(cont.)

- Uncover pink circle. Ask client to choose synonyms/antonyms from 4 choices
- Uncover orange circle. Client says a sentence using the target work and clinician writes the sentence produced in this box.
 Scaffold as necessary.

Treatment: Byrnes Strategy Step 6. Interaction with the word Choose Tier 2 words – useful words, but not entirely common Red box: Target word Blue box: Insert picture Green box: Friendly definition Purple box: 2 sentences using the word; correct/ incorrect Pink circle: choose 2 synonyms and 2 antonyms at level of the target word or slightly below; put as multiple choice options Orange box: leave blank; client to say or write own sentence

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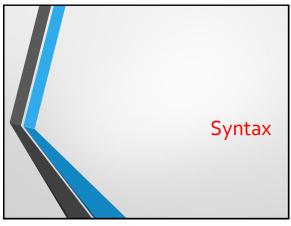
Semantic Continuum

- 1. Select a pair of polar opposite words.
- 2. Generate at least five synonyms for each of the opposite words. Make cards for each word.
- 3. Make a bridge from one opposite word to the other. Continuums can be done horizontal or vertical, in a ladder-like fashion.
- 4. Have clients place the words and discuss their rationale for placing certain words in certain locations. Encourage a conversation about the subtle differences among the words.

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Word Sorts

- Put vocabulary terms on small cards or post-it notes.
- Closed sort: Have students sort words into predetermined categories (for younger children and complex concepts).
- Open sorts: Have students sort words into categories of their own making and label them. Encourage groups to find multiple ways of classifying the words to help refine and extend their understanding of the concepts represented by the words.
 - Client is more likely to remember word if they have a place for them (category)



Syntax Children with SLI produce higher rates of errors on grammatical morphemes than children with typical language They also show an overall immaturity in grammatical structure, producing shorter, less elaborated sentences and fewer complex sentences than their age peers

Treatment: Incorporate explicit instruction focusing on discrete skills using the targets related to the story and within the same session embed the target structure with scaffolding during the sessions.

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Syntax Strategies

- Sentence Combining
- Sentence Unscrambling
- Sentence Expanding
- Combine to Imitate
- Sentence Generation
- Slot Filler (with manipulatives)
- Super Sentence OrganizerAuditory Bombardment
- Cloze Procedures

Training Procedure for Teaching Syntactic Rules Example target: "islot-filler Tachnique 1. Place blocks on table (each representing words). 2. Point to word/picture/blocks as you say the sentence. "She is climbing." 3. Ask client, "What is she doing?" or "What's happening?" Have child touch each block as he fills in each word of the sentence slots represented by the blocks.

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Training Procedure for Teaching Syntactic Rules Slot-Filler Technique 4. Then ask "What is she doing?" (Show picture.) She is climbing. 5. Generalization: Repeat with different target pictures.

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Noun Phrase Elaboration Therapy: Sequence of Steps Killgallon and Killgallon 1. Define: Instruct target form 2. Identify: Find and underline target forms 3. Combine: Combine sentences 4. Unscramble: Unscramble sentences from text, underlining the target form in each 5. Expand: Given partial sentences and told to complete them with targeted form. 6. Generate/Write: Write own sentence using targeted form.



Why Narratives?

The <u>discourse level of language</u> is described as being along an <u>"Oral-Literate Continuum"</u> comprised of conversation, narration, exposition; from the "here and now" to the "there and then" (Paul, R. & Norbury, C., 2012).

• Narratives provide a natural bridge between oral and literate language

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Narrative Therapy: Story Grammar Marker

- A visual, tactile, and kinesthetic tool to provide students with a hands-on approach to the discourse level of language.
- Used to facilitate story comprehension and expression.
- Provides organizational strategies to enhance reading comprehension, basic story organization, critical thinking, and writing competency.
- Story Grammar Marker (Mindwing Concepts, 2003)

Narrative Strategies

Storytelling (retell, parallel story, unscramble a story,

- Role playing
- Constructing stories from personal experiences
- Represent with pictures, story map, etc
- Quick-Writes/Stick-Writing
- Audience Participation (choral reading)
- Synchronized Techniques (flannel board, draw talk)
- Dramatization (puppetry, stage, props)

Visual Mapping (character maps, setting maps, etc)

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