READING COMPREHENSION IMPAIRMENT INTERVENTIONS


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Presentation Outline

- Reading Comprehension
- Reading Comprehension Impairment
- Interventions and Strategies
What is Reading Comprehension?

- Level of understanding of text

- Components
  - decoding skills
  - reading fluency
  - broad language skills
  - executive functioning skills

(Carretti, Borella, Cornoldi, & De Beni, 2009; Sesma, Mahone, Levine, Eason, & Cutting, 2009; Nation, Cocksey, Taylor, & Bishop, 2010)
What is Reading Comprehension Impairment?

- Hidden disability
- Decoding skills and reading fluency rate are at the expected level for their age
- Difficulty understanding written text

(Hulme & Snowling, 2011)
Diagnostic Criteria

- **DSM-IV**
  - Reading Disorder

- **DSM-V Proposal**
  - Language Impairment

(APA, 1994; DSM-IV, 2010)
Implications of Reading Comprehension Impairment

- Do not develop the skills to adjust their reading to aid reading comprehension on their own.
- Academic struggles
- Confidence
- Future choices and direction

(Antoniou, F. & Souvignier, 2007)
Strategies and Interventions

Background Information
Think Aloud
Summarizing
Predicting
Synthesizing
Main Idea
Inferencing
Visualizing
Comprehension Monitoring
Questioning
Clarification
Text Structure
Reciprocal Teaching

Vocabulary
Strategies and Interventions

- Visualization
- Reciprocal Teaching
- Text Structures
Visualizing

- Imagery can assist readers to encode semantic information
- Consciously using words to create mental images
- Personal and memorable
- Adapt their images

(Johnson-Glenberg, 2000; Wendling & Mather, 2009)
Visualizing and Verbalizing Program

- Nanci Bell (1984)
- Picture to Picture
  - structure words
    - what, size, color, number, shape,
      where, movement, mood, background, perspective,
      when, and sound
- Word Imaging
- Single Sentence Imaging
- Sentence by Sentence
- Paragraph
- Whole Page
- Chapter and Lecture
Reciprocal Teaching

- Palincsar and Brown (1984)

- Teacher modeling, guided practice, and peer cooperative learning

- Summarizing, questioning, clarifying, and predicting

Example of reciprocal teaching can be found at www.youtube.com/watch?v=vbzuycHwts
Reciprocal Teaching

Summarizing
Highlight important information from read text

Questioning
Generate questions from the information
**Reciprocal Teaching**

**Clarifying**

Make concerted attempts to clarify unfamiliar concepts or vocabulary

**Predicting**

Deliberate on what is implied in the text and make connections to prior knowledge
Text Types and Structures

- Internal organization of text
- Guides reader through the content
  - connect new and prior knowledge, understand the purpose, and synthesize
- Narrative and expository

(Downing, Bakken, & Whedon, 2002)
Text Structures and Graphic Organizers

Chronological

- first, second, third, last
- after, before, later, following, next, then, finally, when, now, previously
- actual dates
Compare and Contrast Text Structures and Graphic Organizer

Compare and Contrast

- similar, different
- have in common, contrary to, on the other hand, in the same way
- whereas, unless, instead, but, yet, like
Cause and Effect Text Structures and Graphic Organizer

Cause and Effect

- if – then
- because, therefore, since, consequently
- as a result of
- due to
- for this reason
Problem and Solution Text Structures and Graphic Organizers

Problem and Solution

- the solution/problem is ...
- question is ....
- dilemma is ...
- one answer is ....
- one reason is .....
Descriptive Text Structures and Graphic Organizer

Descriptive

- nouns (person, place, thing, or idea)
- adjectives (features/characteristics)
- pronouns
- examples
Effective Comprehension Strategy Instruction

- Explicit teaching techniques
- Direct explanation
- Modeling
- Guided practice
- Application


Questions or Comments?