## Reading Comprehension – the Goal of Reading Instruction

- Comprehension is the essence of reading
- Comprehension strategies should be present in everyday teaching across the curriculum
- As a strategic process, it enables readers to make connections and move beyond literal recall
- Needs to be taught explicitly and strategically
- Knowing students' reading abilities is essential for teachers

## **Levels of Comprehension**

- Online: Literal
  - o Explicitly stated main ideas, details, sequences
- Between the Lines: Inferential Comprehension
  - Ideas the author shares through descriptive language can't point to the answer
- Beyond the Lines: Evaluative Comprehension
  - Identify bias, make judgments, draw conclusions, summarize, predict outcomes

### **Developmental Stages/Levels of Reading**

Ellery, V. (2005). Fluency. In Creating Strategic Readers (pp. 77-105). Newark, DE: International Reading Association.

### Teachers need to decide:

- Which strategies, techniques, teacher talk.
- What resources will best support the students and move them into the next stage.

## **Emergent Stage**

- Begin to make correlations among oral, written, and printed stimuli
- Enjoy listening to stories
- Understand that print conveys a message
- Acquiring ability to apply concepts about print
- Understanding of direct link of the sounds to letters, pictures to words, and speech to sentences
- Repetitive use of language and illustrations help with the contextual meaning of written words
- Logographic/environmental information assists emergent readers in meaning of words
- Benefit from short and simple text

### Early Stage

- Mastered emergent reading behaviors
- Comfortable with the basic concepts about print
- Reading and writing stories at a higher level of complexity
- Begin to discuss what they are reading with others
- Less dependent on rhyme, repetition, and patterns within text.
- Variations in sentence length and language are common
- Sentences include high-frequency words that they read automatically
- Their eyes control the reading so not as much pointing to words
- The text contains simple concepts and story lines and relate to real-world experiences

#### **Transitional**

- Able to make sense of longer and more complex books
- Easily adapt strategies to support reading for meaning
- Efficiently self-correct to maintain the contextual intent
- Beginning to use semantic meaning, syntactic structure and grammar and visual to self-monitor
- Need relevancy of textual situations to build vocabulary
- Plot, character, setting and dialogue and fluency
- Begin verbal expressions as they read
- Appropriate texts have more complex language structures and less emphasis on patterned text.

### Fluent Stage

- Heavy reliance on the text less reliance on the illustrations
- Illustrations are now only of limited support
- Comfortably read independently for extended periods
- Recognize many words by sight
- Reading happens with automaticity
- Adjust their pacing based upon the purpose and difficulty of text
- Have a variety of strategies for decoding unknown words
- Comprehension is occurring at a sophisticated level (i.e., synthesizing, and interpreting)
- Familiar with complex sentence structures, story concepts and literary genres.

## **Barriers to Reading Comprehension**

- Reading strategies are complex and difficult to include into direct instruction
- Teachers inadequately trained or prepared for the teaching of comprehension strategies
- Large classrooms not enough time to allow for intensive strategy instruction one-on-one
- Lack of additional resources to meet the varying needs of the classroom.

## Students with learning Disability may present difficulties in: (Joan Sedita)

- Word recognition/decoding skills
- Fluency
- Language processing/ linguistic ability
- Vocabulary
- Life experience /background knowledge
- Attention

- Memory
- Meta-comprehension & application of strategies
- Expressive language weakness
- Visualizing & creating mental images

| Textbooks                  |                  |                   |
|----------------------------|------------------|-------------------|
| Narrative Text             | Expository Text  |                   |
| "Alice in Wonderland"      | Science          | Social Studies    |
| Beginning, middle, and end | Listing          | Problem/solutions |
| Plot                       | Cause/effect     | Compare/contrast  |
| Characters                 | Compare/contrast | Time ordering     |
| Structures                 |                  |                   |
| setting                    |                  |                   |

Ciborowski, J. (1999). Textbooks and the Students Who Can't Read Them: A Guide to Teaching Content

 Pressley's (1998) study of grade 4 and 5 classrooms indicated that there was very little instruction in the area of comprehension going on.

# **Reading Comprehension Interventions & Strategies**

Observing students provides "information needed to design sound instruction" (Clay, 2002, p.11).

# **Steps to Improving Comprehension**

- 1. Identify where difficulty occurs
- 2. Identify what the difficulty is
- 3. Restate the difficult sentence or passage in their own words
- 4. Look back through the text
- 5. Look forward in the text for information that might help them to resolve the difficulty.
- 6. Students should monitor their own comprehension
  - be aware of what they do understand
  - o identify what they do not understand
  - o use appropriate "fix-up" strategies to resolve problems in comprehension
- 7. Using graphic and semantic organizers
- 8. Answering questions
- 9. Generating questions
- 10. Recognizing story structure (Setting, initiating events, internal reactions, goals, attempts, outcomes)
- 11. Summarizing
  - o identify or generate main ideas
  - o connect the main or central ideas
  - o eliminate redundant and unnecessary information
  - o remember what they read

# Comprehension with the Super 6 (Oczkus) Building Background Knowledge & Making

Connections

- 1. Connecting
- 2. Predicting/Inferring
- 3. Questioning
- 4. Monitoring
- 5. Summarizing & Synthesizing
- 6. Evaluating

# 7 Strategies of Highly Effective Readers (McEwan)

Cognitive processing – behaviors and thoughts

- 1. Activating
- 2. Inferring
- 3. Monitoring-Clarifying
- 4. Questioning
- 5. Searching Selecting
- 6. Summarizing
- 7. Visualizing Organizing

### **Cognitive Strategies are**

- Conscious thought or behavior used by a reader to process text.
- Enhance and enlarge the scope of learning
- When teachers are teaching readers how and when to use it independently, confidently, and strategically

### Cognitive Strategies are not

- Instructional Activities
- Study Skills
- Reading Skills

Reciprocal Teaching (Palincsar & Brown, 1984)

- Researched and solidly validated methods for teaching reading comprehension
- Studies done across grade levels with diverse learners
- Positive effects on students' reading comprehension and gains on standardized tests
- Takes abstract concepts and transform them into concrete, explicit strategies that students can practice and internalize

## 4 Strategies that Good Readers Use to Construct Meaning from Text

**Summarizing** – encourages students to synthesize and explain important information from the text in their own words.

**Question generating** – requires students to identify information from the text that is central enough to warrant a question.

**Clarifying** – brings students attention to the various reasons why the text may be difficult for them to understand, and assists them in resolving those situations.

**Predicting** – helps students analyze the content of the text and hypothesize what might happen next.

**3 Additional Reading Comprehension Strategies** (CAST – Center for Applied Special Technology added these 3 when developing Thinking Reader Series)

**Visualizing** – asks the students to imagine what a character or setting looks like.

**Feeling** – encourages students to relate personally to the story.

**Reflecting** – requires that students think back on their own work and responses throughout the text and evaluate how they are progressing as a reader.

| Technology & Reading Comprehension |                                    |   |               |
|------------------------------------|------------------------------------|---|---------------|
| <ul> <li>Before Reading</li> </ul> | <ul> <li>During Reading</li> </ul> | 0 | After Reading |

**Before Reading = Preparation and Organization for Pre-Reading** 

| Good Readers  | Poor Readers   |
|---|--|
| <ul> <li>Think about what they already know about a subject</li> </ul>          | <ul> <li>Begin to read without thinking about the topic</li> </ul>             |
| <ul> <li>Know the purpose for which they read</li> </ul>                        | <ul> <li>Do not know why they are reading</li> </ul>                           |
| <ul> <li>Are motivated or interested to begin reading</li> </ul>                | <ul> <li>Lack interest and motivation to begin<br/>reading</li> </ul>          |
| <ul> <li>Have a general sense of how the BIG ideas will fit together</li> </ul> | <ul> <li>Have a little sense of how the BIG ideas will fit together</li> </ul> |

Ciborowski, J. (1999). Textbooks and the Students Who Can't Read Them: A Guide to Teaching Content

| Some | <u>Pre-Reading</u> Strategies                    |        |                                 |  |
|------|--|--------|---------------------------------|--|
|      | Set a purpose for reading                        |        | Predict and check               |  |
|      | Build Background Knowledge                       |        | Vocabulary Preview              |  |
|      | Recognition and formulation of main idea at para | agraph | level and multi-paragraph level |  |
|      | ·  | •      |                                 |  |

# Some Pre-Reading Technology Implementation ■ Spinners - Set purpose questions, background knowledge, build interest ☐ Images & Video – Build Background Knowledge & Curiosity, Storyboard, Scripting ■ Electronic Reading Systems - Skim Headings, Turn headings into pre-reading questions ■ **Bookmarking** – mark main sections, breaks in reading time ☐ Highlighting – New Vocabulary, Mark Main Ideas ahead of time ■ Graphic Organizers - KWL, Story Mapping During Reading = Synthesizing & Monitoring while Reading

| Good Readers   | Poor Readers  |
|--|---|
| <ul> <li>Pay simultaneous attention to words<br/>and meaning</li> </ul>  | <ul> <li>Over attend to individual words; miss salience</li> </ul>  |
| Read fluently  | <ul> <li>Read slower and at the same rate of<br/>speed</li> </ul>   |
| Concentrate well while reading   | <ul> <li>Have difficulty concentrating<br/>particularly during silent reading</li> </ul>  |
| <ul> <li>Willing to "risk" encountering difficult<br/>words and able to grapple with text<br/>ambiguities</li> </ul> | <ul> <li>Unwilling to "risk" easily defeated by difficult words and text</li> </ul>   |
| Construct efficient strategies to monitor comprehension  | <ul> <li>Unable to construct efficient strategies<br/>to monitor comprehension</li> <li>Seldom use a "fix-it" strategy; plod<br/>on ahead, eager to finish</li> </ul> |
| <ul> <li>Stop to use a "fix-it" strategy when confused</li> </ul>  | <ul> <li>Reading progress is painfully slow</li> </ul>  |
| <ul> <li>Reading skills improve</li> </ul>   | •   |

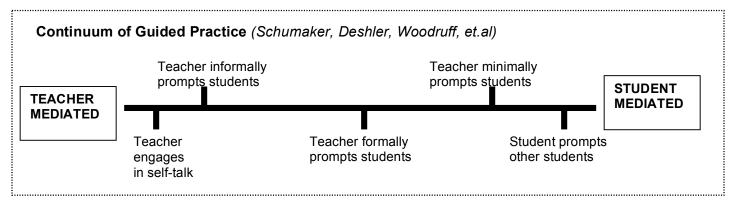
ching Content

| Ciborowski, J. (1999). Textbooks a  | nd the Students  | s Who Can't Read Them: A Guide to Teaching Conte   |
|---|--|--|
| During Reading Strategies Echo & Choral Reading Answer pre-reading questions Story Mapping Predict Ahead Outlining  | □ F  | Highlighting stated main idea<br>Paraphrase inferred main idea<br>Highlighting supportive main idea<br>Create Pictures of Settings, characters |
| Helps readers to become more aware of a bre<br>Clairfy Later<br>Marking system for INSERT<br>X I thought differently<br>+ New Information<br>! Wow<br>?? I don't understand | eakdown in   | comprehension  |
| ֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜   | During Reading Strategies Echo & Choral Reading Answer pre-reading questions Story Mapping Predict Ahead Outlining Helps readers to become more aware of a bre Clairfy Later Marking system for INSERT X I thought differently Helps New Information Wow Predict Ahead Outlining I thought differently Helps readers to become more aware of a bre Clairfy Later Marking system for INSERT X I thought differently Helps readers to become more aware of a bre Clairfy Later Marking system for INSERT X I thought differently Helps readers to become more aware of a bre Clairfy Later | During Reading Strategies  Echo & Choral Reading   |

| Some <u>During Reading</u> Technology Implementation   | on   |  |
|--|--|--|
| Post-It Notes  | Highlighter Tape, Tabs, Wide Tape                            |  |
| Post-It Tape   | Rubber Stamps  |  |
| ⇒ Flags  |  |  |
| → Flags  Hi-Liter Pens   | Colored Tabs   |  |
| → Hi-Liter Pens  | → Colored Tabs   |  |
| ■ Timers - Watch Timers, Watch Minder, Bookma  | ark Timers   |  |
| Hand Held Spell Checkers – Homonyms, Dictionary, Thesaurus, Auditory Feedback, Wordlist, Games/Exercises   |  |  |
| Graphic Organizers – Mesh new ideas with old<br>KWL-Notes, Prediction Check in, Episode Mapp   | ideas, Character Webs, Concept Maps, C-SPACE, ing, Timelines |  |
| ■ Electronic Reading Systems – Talking Text, D   | ictionaries, Synonyms, Thesaurus, Summarize                  |  |
| through voice/text notes, answer built-in question   | ns, bookmark sections, highlight main ideas or               |  |
| sections for further research,  Multimedia systems - Picture settings, characters  | are  |  |
|  | ronic Dictionary, Grolier Multimedia Encyclopedia,           |  |
| The Way Things Work, The Ultimate Human Boo  |  |  |
| After Booding - Boyley   | uing and Summarizing   |  |
| After Reading = Review Good Readers  | Poor Readers   |  |
| Understand how the pieces of information fit   | Do not understand how the pieces of                          |  |
| ogether information fit together   |  |  |
| Able to identify what's salient  | May focus on the extraneous peripheral                       |  |
| Interested in reading more   | See reading as distasteful                                   |  |
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| Some After Reading Strategies  |  |  |
| Review – Highlights, Bookmarks, Notes  |  |  |
| Character Dramatizations   | Responding   |  |
| Reflection   | Summarizing and paraphrasing                                 |  |
| Fortune Teller Question Review   | Synthesizing and summarizing                                 |  |
| Some After Reading Technology Implementation   | 1  |  |
| ☐ Tape Players/Digital Recorders – Return to ke  |  |  |
| ☐ Graphic Organizers – Map whole to parts and parts to whole, emphasize main idea, aid   |  |  |
| discussion, memory flash card reviews, Venn Diagrams   |  |  |
| Electronic Reading Systems – review notes and summaries, skim headings,  |  |  |
| <ul> <li>Multimedia systems – Create review games, fortune tellers</li> <li>Internet – research, questions explored, further background development</li> </ul> |  |  |
| internet – research, questions explored, further   | background development                                       |  |
| Final Notes  |  |  |
| One and the state of Effective Browning (D. Allianter  | 4000 Tarakina Okumukina Dankara)                             |  |
| Components of Effective Programs (R. Allington,  Organization for Early Intervention   | ,  |  |
| Organization for Early Intervention  •Word-Level Strategies  |  |  |
| •Amount of Instructional Time  | •Writing Component   |  |
| ength of Intervention  •Assessment procedure   |  |  |
| ypes of Texts and Materials Used  •Home Connection   |  |  |
| •Text-Level Strategies   | Teacher Trainin  |  |

## Improving Literacy at the Middle & High School Levels (John Klein, NYPublic Schools)

- Teach comprehension by addressing fluency, background knowledge & comprehension strategies
- Imbed instructional principles across all content areas
- Implement motivation & self-directed learning
- · Get students writing
- Identify student who need extra time & extra help



# **Steps for Scaffolding Any Comprehension Strategy**

- 1. Introduce
- 2. Modeling
- 3. Guide the Strategy in Cooperative Groups or Pairs
- 4. Independent Practice
- 5. Reflection

| Strategy Teachers  |  |  |
|--|--|--|
| Good   | Not So Good  |  |
| Make sure that strategy instruction is well planned and continuous                         | <ul> <li>Provide fragmented, "hit or miss" strategy instruction</li> </ul>     |  |
| Overtly "model" covert self-regulation thoughts  | Tend to be unaware of own mental processes                                     |  |
| <ul> <li>Identify and teach strategy prerequisites before<br/>teaching strategy</li> </ul> | Tend to ignore prerequisite or teach them and<br>the strategy at the same time |  |
| Focus strategy instruction of what we are doing and why                                    | Focus strategy instruction on memorization of strategy steps                   |  |
| Work hard to get students to self-regulate, set<br>their own goals and self-reinforce      | Set goals for students/exaggerate praise/use extrinsic reinforcers             |  |
| Know that strategy learning takes time and effort  | Expect students to benefit immediately   |  |

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