

National Reading Panel Identified Five Component Skills

- Three are critical to the development of automatic word identification
 - Phonemic Awareness
 - Phonics
 - Fluency
- Two are critical to reading comprehension
 - Vocabulary
 - Comprehension strategies
- There is interaction/additive effects among these five skills

National Reading Panel Conclusions

- Phonemic awareness training is highly effective across a variety of learners and a variety of age and grade levels
- Systematic phonics instruction
 - significant benefits for struggling readers in K to 6
 - More effective for low SES students other methods
 - improves reading for disabled readers and spelling for good readers

National Reading Panel Conclusions

- Fluency should be included in instruction
 - value of independent silent reading is unclear
 - Guided repeated reading may be more useful for struggling readers
- Effective instruction in vocabulary differs across grade levels
 - Computers
 - Prior to reading
 - Repetition and multiple exposures
 - Rich contexts, incidental learning

National Reading Panel Conclusions

- A combination of comprehension strategies is most effective
 - Monitoring, question generation and answering
 - Cooperative learning
 - Summarization
 - Use of story structure

Scientific, Research Based Interventions

- Explicit, systematic instruction
- Target areas of need (five components of skilled reading)
- Provide intense intervention
- Skill development
- Implemented by trained personnel
- Research studies are empirical, scientific