

# The Core Knowledge Language Arts Program

Bibliography

#### **Overall Program Rationale:**

## Principle: There are two keys to reading comprehension: decoding skills and the ability to understand what you have decoded.

#### Relevant Research:

- E. D. Hirsch, Jr., Cultural Literacy. Boston: Houghton Mifflin, 1987.
- E. D. Hirsch, Jr., *The Knowledge Deficit*. New York: Houghton Mifflin, 2006.
- P. B. Gough, W. A. Hoover, and C. Peterson, "Some Observations on a Simple View of Reading" in *Reading Comprehension Difficulties*, ed. Cornoldi and Oakhill. Mahwah, NJ: Lawrence Erlbaum Associates, 1996.
- W. E. Tunmer and W. A. Hoover, "Cognitive and Linguistic Factors in Learning to Read" pp. 175-214 in *Reading Acquisition*, ed. P. B. Gough, L. C. Ehri, and R. Treiman. Hillsdale, NJ: Lawrence Erlbaum, 1992.
- W.A. Hoover and P. B. Gough, "The Simple View of Reading." *Reading and Writing* 2 (1990), 127-160.
- R. P. Carver, "Predicting Reading Level in Grades 1 to 6 from Listening Level and Decoding Level." *Reading and Writing* 10 (1998), 121-154.
- H. W. Catts, T. Hogan, S. Adlof, "Developmental Changes in Reading and Reading Disabilities." *The Connections Between Language and Reading Disabilities.* Lawrence Erlbaum Associates, 2004, 25-40.
- H. W. Catts, S. M. Adlof, S. E. Weismer, "Language Deficits in Poor Comprehenders: A Case for the Simple View of Reading." *Journal* of Speech, Language, and Hearing Research 49 (2006): 278-293.
- D. A. Saarnio, E. R. Oka, and S. G. Paris, "Predictors of Comprehension" in *Reading and Its Development: Components Skills Approaches*, ed. T. H. Carr and B. A Levy. New York: Academic Press, 1990.
- A. E. Cunningham, K. E. Stanovich, M. R. Wilson, "Cognitive Variation in Adult College Students Differing in Reading Ability" in *Reading and Its Development: Components Skills Approaches*, ed. T. H. Carr and B. A Levy. New York: Academic Press, 1990.
- C. Juel, P. L. Griffith, and P. Gough, "Acquisition of Literacy: a Longitudinal Study of Children in the First and Second Grade." *Journal of Educational Psychology* 78 (1986): 243-255.
- P. G. Aaron, "Can Reading Disabilities be Diagnosed Without Using Intelligence Tests?" Journal of Learning Disabilities 24 (1991): 178-191.
- R. M. Joshi, K. A. Williams, and J. R. Wood, Predicting Reading Comprehension from Listening Comprehension: Is This the Answer to the IQ Debate?" in C. Hulme and R. M. Joshi, eds. *Reading and Spelling: Development and Disorders*, 319-327 Mahwah, NJ:

Erlbaum.

• K. Nation and M. Snowling, "Assessing Reading Difficulties: The Validity and Utility of Current Measures of Reading Skill." *British Journal of Educational Psychology* 67 (1997) 359-370.

#### **Skills Strand Rationale:**

### *Principle: Phonics is a more effective way to teach decoding than "whole language" or whole word methods.*

- J. Chall, *Learning to Read: The Great Debate*. New York: McGraw Hill, 1988
- M. J. Adams, *Beginning to Read: Thinking and Learning About Print*. Cambridge: MIT Press, 1994.
- C. E. Snow, et al, *Preventing Reading Difficulties in Young Children*. Washington, DC.: National Academy Press, 1998.
- D. N. Langenberg, et al., *Report of the National Reading Panel*. National Institute of Child Health and Development, 2000.
- G. L. Bond and R. Dykstra, "The Cooperative Research Program in First-Grade Reading Instruction." *Reading Research Quarterly* 2, 1-142.
- M. A. Evans and T. H. Carr, "Cognitive Abilities, Conditions of Learning, and Early Development of Reading Skill." *Reading Research Quarterly* 20 (1985) 327-350.
- K. Stanovich, *Progress in Understanding Reading: Scientific Foundations and New Frontiers*. Guilford Press, 2000.
- K. Stanovich and P. Stanovich, "How Research Might Inform the Debate About Early Reading Acquisition," Journal of *Research in Reading* 18 (1995).
- K. E. Stanovich, "Speculations on the Causes and Consequences of Individual Differences in Early Reading Acquisition," pp. 307-342 in *Reading Acquisition*, ed. P. B. Gough, L. C. Ehri, and R. Treiman. Hillsdale, NJ: Lawrence Erlbaum, 1992.
- P. B. Gough and M. L. Hillinger, "Learning to Read: An Unnatural Act." *Bulletin Of the Orton Society* 20 (1980), 179-196.
- W. E. Tunmer and W. A. Hoover, "Phonological Recoding Skill and Beginning Reading." *Reading & Writing* 5 (1993) 161-179.
- W. E. Tunmer and J. Chapman, "Teaching Strategies for Word Identification." *Learning to Read: Beyond Phonics and Whole Language.* ed. Brian Thompson and T. Nicholson. New York Teachers College Press, 1999, pp. 74-102.
- P. B. Gough and S. A. Wren, "The Decomposition of Decoding," in C. Hulme and R. Joshi, eds., *Reading and Spelling; Development and Disorders*. Mahwah, NJ: Lawrence Erlbaum Associates, 1998.
- K. Rayner, et al., "How Psychological Science Informs the Teaching of Reading." *Psychological Science in the Public Interest* 2 (2001) 31-74.

- I. Y. Liberman and A. M. Liberman, "Whole Language vs. Code Emphasis: Underlying Assumptions and their Implications for Reading Instruction." *Annals of Dyslexia* 40 (1990) 51-76.
- D. L. Share, "Phonological Recoding and Self-Teaching: The *Sine Qua Non* of Reading Acquisition." *Cognition* 55 (1995): 151-218.
- A. Lesgold and L. Resnick, *How Reading Difficulties Develop: Perspectives from a Longitudinal Study*. University of Pittsburgh, 1981.
- S. Shaywitz, Overcoming Dyslexia. New York: Vintage Books, 2003.

#### Principle: Synthetic phonics, or linguistic phonics, in which instruction is oriented from sound to letter, is an especially powerful way to teach phonics.

Relevant Research:

- D. McGuinness, *Why Our Children Can't Read and What We Can Do About It*. New York: The Free Press, 1997.
- D. McGuinness, *Early Reading Instruction: What Science Really Tells Us About How to Teach Reading*. Cambridge: MIT Press, 2006.
- C. Walcutt, G. McCracken, and J. Lamport, *Teaching Reading: A Phonic/Linguistic Approach to Developmental Reading*. New York: Macmillan, 1974.
- R. S. Johnston and J. E. Watson, "Developing Reading, Spelling and Phonemic Awareness Skills in Primary School Children." *Reading* 31 (1997), 37-40.
- J. E. Watson and R. S. Johnston, *Accelerating Reading Attainment: The Effectiveness of Synthetic Phonics*. St Andrews, Scotland: University of St. Andrews, 1999.
- R. S. Johnson and J. E. Watson, *The Effects of Synthetic Phonics Teaching on Reading and Spelling Attainment, A Seven-Year Longitudinal Study.* Scottish Government Report, 2005, online.
- T. Burkard, "Phonological Training in Reception Year," *British Journal of Curriculum and Assessment* 6 (1996).
- M. Stuart, "Getting Ready for Reading: Early Phoneme Awareness and Phonics Teaching Improves Reading and Spelling in Innercity Second Language Learners." *British Journal of Educational Psychology* 69 (1999) 587-605.
- M. Stuart, "Getting Ready for Reading: A Follow-Up Study of Inner-City Second Language Learners at the End of Key Stage 1." *British Journal of Educational Psychology* 74 (2004) 15-36.
- C. McGuinness, "Phono-Graphix: A New Method For Remediating Reading Problems," *Orton Annals of Dyslexia* 46 (1996).
- K. Dias and L. Juniper, "Phono-Grafix: Who Needs Additional Literacy Support. An Outline of Research in Bristol Schools." *Support for Learning* 12 (2002) 34-38.
- M. Wright and F. Mullan, "Dyslexia and the Phono-Graphix Reading Programme." *Support for Learning* 21 (2006): 77-84.
- L. Moats, "Teaching Decoding" *American Educator* (Spring/ Summer 1998), pp. 1-9.

- K. Sumbler, *Phonological Awareness Combined with Explicit Alphabetic Coding Instruction in Kindergarten: Classroom Observations and Analysis.* Doctoral Dissertation, University of Toronto, 1999.
- D. McGuinness, C. McGuinness, and J. Donohue, "Phonological Training and the Alphabet Principle: Evidence for Reciprocal Causality." *Reading Research Quarterly.* 30.4 (1995): 830-852.
- Torgeson, J. K. et al., "Preventing Reading Failure in Young Children with Phonological Processing Disabilities: Group and Individual Responses to Instruction." *Journal of Experimental Psychology* 91 (1999) 579-593.

### *Principle: Repeated oral reading is a proven method of improving fluency.*

- D. N. Langenberg, et al., *Report of the National Reading Panel*. National Institute of Child Health and Development, 2000.
- T. V. Rasinsky, The Fluent Reader. New York: Scholastic, 2003.
- S. J. Samuels and A. E. Farstrup, *What Research Has to Say About Fluency Instruction*, International Reading Association, 2006.
- M. R. Kuhn & P. J. Schwanenflugel, "Fluency-oriented reading instruction: A merging of theory with practice" in K.A.D. Stahl & M. C. McKenna, eds., *Reading Research at Work*. New York: Guilford Press, 2006.
- S. J. Samuels, "Reading Fluency: Its Development and Assessment." in A. E. Farstrup and S. J. Samuels, eds., *What Research Has To Say About Reading Instruction*. Newark, Del.: International Reading Association, 2002.
- J. Hasbrouck and G. T. Tindal, "Oral Reading Fluency Norms" *The Reading Teacher* 59 (2006), 636-644.
- J. J. Pikulsky and D. J. Chard, "Fluency: Bridge Between Decoding and Comprehension." *The Reading Teacher* 58 (2005), 510-519.
- S. L. Dowhower, "Effects of Repeated Reading on Second-Grade Transitional Readers' Fluency and Comprehension." Reading Research Quarterly 22 (1987) 389-406.



# The Core Knowledge Language Arts Program

Bibliography

#### Listening and Learning Strand Rationale

Principle: Background Knowledge is crucial for comprehension.

Relevant Research:

- E. D. Hirsch, Jr., "Culture and Literacy," *Journal of Basic Writing* 3.1 (Fall/Winter, 1980), 27-47.
- E. D. Hirsch, Jr., Cultural Literacy. Boston: Houghton Mifflin, 1987.
- E. D. Hirsch, Jr., "Building Knowledge: The Case for Bringing Content into the Language Arts Block and for a Knowledge-Rich Curriculum Core for All Children," *American Educator*, 30 (2006), 8-21, 28-29.
- E. D. Hirsch, Jr., *The Knowledge Deficit*. New York: Houghton Mifflin, 2006.
- D. Willingham, "How Knowledge Helps: It Speeds and Strengthens Reading Comprehension, Learning and Thinking," *American Educator* 30 (2006), 30-37.
- S. Neuman, "How We Neglect Knowledge And Why," *American Educator* 30 (2006), 24-27.
- H. L. Chiesi, G. J. Spilich, and J.F. Voss. "Acquisition of domainrelated information in relation to high and low domain knowledge," *Journal of Verbal Learning and Verbal Behavior* 18 (1979), 257-273.
- P. D. Pearson, J. Hansen, and C. Gordon, "The effect of background knowledge on young children's comprehension of explicit information," *Journal of Reading Behavior* 11 (1979), 201-209.
- M. Steffensen, C. Joag-dev, and R. Anderson. "A Cross-Cultural perspective on Reading Comprehension," *Reading Research Quarterly* 15.1 (1979), 203-9.
- K. C. Stevens, "The Effect of Background Knowledge on the Reading Comprehension of Ninth Graders," *Journal of Reading Behavior* 12 (1980).
- M. Y. Lipson, "Learning New Information from Text: The Role of Prior Knowledge and Reading Ability," *Journal of Reading Behavior* 14 (1982), 243-61
- S. J. Ceci and J. Liker, "Academic and nonacademic intelligence: An experimental separation," in *Practical Intelligence: Nature and Origins of Competence in the Everyday World*, ed. R. J. Sternberg and R. K. Wagner. Cambridge: Cambridge University Press, 1986.
- C. H. Walker, "Relative importance of domain knowledge and overall aptitude on acquisition of domain-related information." *Cognition and Instruction*, 4 (1987), 25-42.
- D. R. Recht and L. Leslie, "Effect of prior knowledge on good and poor reader's memory on text." *Journal of Educational Psychology* 80 (1988), 16-20.
- W. Schneider and J. Korkel, "The Knowledge Base and Text Recall: Evidence from a Short-Term Longitudinal Study" *Contemporary Educational Psychology* 14 (1989) 382-393.
- W. Schneider, et al., "Expert knowledge, general abilities and

text processing." in W. Schneider, et al., eds., *Interactions Among Aptitudes, Strategies and Knowledge in Cognitive Performance*. New York: Springer-Verlag, 1990.

- J. E. Muir-Broaddus and D. F. Bjorklund, "Developmental and individual differences in children's memory strategies: The role of knowledge." In Schneider & Weinert, eds., *Interactions Among Aptitudes, Strategies, and Knowledge in Cognitive Performance*. New York: Springer-Verlag, 1990.
- C. L. Peterson, *Background Knowledge and the Decomposition of Literacy in Skilled Adult Readers*. Dissertation, University of Texas at Austin, 1993.
- P. A. Alexander, J. M. Kulikowich, and S. K. Schulze, "The influence of topic knowledge, domain knowledge, and interest on the comprehension of scientific exposition." *Learning and Individual Differences* 6 (1994), 379-397.
- B. C. Schmidt-Rinehart, "The Effects of Topic Familiarity on Second Language Listening Comprehension," *Modern Language Journal* 78.2 (1994), 179-189.
- S. Caillies, G. Denhiere, and W. Kintsch, "The effect of prior knowledge on understanding from text: evidence from primed recognition." *European Journal of Cognitive Psychology* 14.2 (2002), 267-286.

# Principle: Listening comprehension and reading comprehension are closely related, but listening ability outpaces reading ability until middle school.

- T. G. Sticht, et al., *Auding and Reading: A Developmental Model*. Alexandria,, VA Human Resources Research Organization, 1974.
- T. G. Sticht and J. James, "Listening and reading," in P. Pearson, ed., Handbook of Research on Reading. New York: Longmans, 1984.
- D. D. Durrell, "Listening Comprehension Versus Reading Comprehension," *Journal of Reading* 12 (1969), 455–460.
- W. Kintsch and E. Kozminsky, "Summarizing Stories After Reading and Listening," *Journal of Educational Psychology* 69.5 (1977) 491-499.
- M. E. Curtis, "Development of Components of Reading Skill," *Journal of Educational Psychology* 72.5 (1980), 656-669.
- G. M. Sinatra, "Convergence of Listening and Reading Processing" *Reading Research Quarterly*, 25.2 (Spring, 1990), 115-130.
- H. W. Catts, T. Hogan, and S. M. Adlof, "Developmental Changes in Reading and Reading Disabilities." *The Connections Between Language and Reading Disabilities.* Lawrence Erlbaum Associates, (2004), 25-40.

### *Principle: Vocabulary levels are strongly correlated with comprehension.*

Relevant Research:

- F. Davis, "Fundamental Factors in Comprehension in Reading." *Psychometrika* 9 (1944) 185-190.
- R. L. Thorndike, *Reading Comprehension Education in Fifteen Countries*. Stockholm, Sweden: Almquist and Wiksell, 1973-4.
- R. C. Anderson and P. Freebody, "Vocabulary Knowledge," in J.T. Guthrie, ed., *Comprehension and Teaching: Research Reviews*. Newark, DE: International Reading Association, 1981.
- S. Stahl, *Vocabulary Development*. Cambridge, MA: Brookline Books, 1999.
- D. A. Saarnio, E. R. Oka, and S. G. Paris, "Predictors of Comprehension" in *Reading and Its Development: Components Skills Approaches*, ed. T. H. Carr and B. A Levy. New York: Academic Press, 1990.

### Principle: Large vocabulary gaps between advantaged and disadvantaged children develop in the preschool years.

Relevant Research:

• B. Hart and T. R. Risley, *Meaningful Differences in the Everyday Experience of Young American Children*. Baltimore, London, Sydney: Paul H. Brookes Publishing, 1995.

#### Principle: Printed language contains a much richer vocabulary than oral language.

Relevant Research:

- D. P. Hayes and M. Ahrens, "Speaking and Writing: Distinct Patterns of Word Choice." *Journal of Memory and Language* 27 (1988), 572-585.
- D. P. Hayes and M. Ahrens, "Vocabulary Simplification for Children," *Journal of Child Language* 15 (1988), 395-410.
- E. Cunningham and K. E. Stanovich, "What Reading Does for the Mind," *American Educator* (Spring/Summer 1998), 2-3.

#### *Principle: Children can acquire vocabulary from context, by listening to stories read aloud.*

- A. van Kleeck, S. Stahl, E. B. Bauer, eds., *On Reading Books to Children*. Mahwah, NJ: Lawrence Erlbaum Associates, 2003.
- E. Hiebert and M. Kamil, eds., *Teaching and Learning Vocabulary: Bringing Research to Practice*. Mahwah, NJ: Lawrence Erlbaum Associates, 2005.
- M. G. McKeown and M. E. Curtis, *The Nature of Vocabulary Acquisition*. Mahwah, NJ: Lawrence Erlbaum Associates, 2005.
- S. Stahl, *Vocabulary Development*. Cambridge, MA: Brookline Books, 1999.

- W. E. Nagy, P. A. Herman and R. C. Anderson, "Learning Words from Context." *Reading Research Quarterly*, 20 (1985), 233-253.
- D. B. Feitelson, et al., "Effects of listening to series stories on first graders' comprehension and use of language." *Research in the Teaching of English* 20 (1986) 339-55.
- G. A. Miller and P. M. Gildea, "How Children Learn Words." Scientific American 257.3 (September 1987), 86-95.
- W. B. Elley, "Vocabulary acquisition from listening to stories." Reading Research Quarterly 24 (1988), 174-187.
- A. C. Stallman, *Learning Vocabulary from Context*. Dissertation, Univ of Illinois, 1991.
- S. A. Stahl, M. A. Richek, and R. J. Vandevier, R.J., "Learning meaning vocabulary through listening: A sixth-grade replication." In J. Zutell, S. McCormick, eds., *Learner Factors/Teacher Factors: Issues in Literacy Research and Instruction*. Chicago: National Reading Conference, 1991.
- D. Feitelson, et al., "Effects of Listening to Story Reading on Aspects of Literary Acquisition." *Reading Research Quarterly* 28.1 (1993), 70-79.
- C. Robbins and L. C. Ehri, "Reading storybooks to kindergartners helps them learn new vocabulary words." *Journal of Educational Psychology*, 86 (1994) 54-64.
- W. Nagy and J. Scott, "Vocabulary Processes," in M. Kamil, P. Mosenthal, P. D. Pearson, & R. Barr, eds., *Handbook of Reading Research*, Volume III. Mahwah, NJ: Erlbaum, 2000.