whether they involve having a child sound a word out letter by letter, find a word that shares the same rime as an unknown word, or spell out the word through invented or practiced spelling, all force the child to look closely at patterns in words. It is through the learning of these patterns that children learn to recognize words efficiently.

Good phonics instruction should help children through the stages described earlier as quickly as possible. Beginning with bookhandling experiences, story book reading and "Big Books," and other features of a whole language kindergarten support children at the logographic stage. Frith (1985) suggests that writing and spelling may aid in the development of alphabetic knowledge. This can be built upon with some direct instruction of letters and sounds, and showing students how to use that knowledge to unlock words in text. Sounding words out also forces children to examine the internal structure of words, as does rime-based instruction. These can help children make the transition to the orthographic stage. In the next stage, the child develops automatic word recognition skills, or the ability to recognize words without conscious attention.

The purpose of phonics instruction is not that children learn to sound out words.

9. Develops automatic word recognition skills so that students can devote their attention to comprehension, not words. The purpose of phonics instruction is not that children learn to sound out words. The purpose is that they learn to recognize words, quickly and automatically, so that they can turn their attention to comprehension of the text. If children are devoting too much energy sounding out words, they will not be able to direct enough of their attention to comprehension (Samuels, 1988).

We know that children develop automatic word recognition skills through practicing reading words. We know that reading words in context does improve children's recognition of words, an improvement which transfers to improved comprehension. There is some question about whether reading words in isolation necessarily results in improved comprehension, Fleisher, Jenkins, and Pany (1979-1980) found that increasing word recognition speed in isolation did not result in improved comprehension: Blanchard (1981) found that it did. Either way, there is ample evidence that practice reading words in text, either repeated readings of the same text (Samuels, 1988) or just reading of connected text in general (Taylor & Nosbush, 1983), improves children's comprehension.

Good phonics instruction is also over relatively quickly. Anderson, Hiebert, Wilkinson, and Scott (1985) recommends that phonics instruction be completed by the end of the second grade. This may even be too long. Stretching phonics instruction out too long, or spending time on teaching the arcane aspects of phonics—the schwa, the silent k, assigning accent to polysyllabic words—is at best a waste of time. Once a child begins to use orthographic patterns in recognizing words and recognizes words at an easy, fluent pace, it is time to move away from phonics instruction and to spend even more time reading and writing text.

The "politics" of phonics

Given that all children do need to learn about the relationships between spelling patterns and pronunciations on route to becoming a successful reader, why all the fuss about phonics?

Part of the reason is that there is confusion about what phonics instruction is. A teacher pointing out the "short a" words during the reading of a Big Book in a whole language classroom is doing something different from a teacher telling her class that the short sound of the letter a is /a/ and having them blend in unison 12 words that contain that sound, yet both might be effective phonics instruction. The differences are not only in practice but in philosophy.

In discussions on this issue, the philosophical differences seem to predominate.

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These exaggerated differences often find people arguing that "phonics" proponents oppose the use of literature and writing in the primary grades, which is clearly false, or that "whole language" people oppose any sort of direct teaching, also clearly false. The truth is that there are commonalities that can be found in effective practices of widely differing philosophies, some of which are reflected in the nine guidelines discussed here.

In this article, I have proposed some characteristics of exemplary phonics instruction. Such instruction is very different from what I see in many classrooms. But because phonics is often taught badly is no reason to stop attempting to teach it well. Quality phonics instruction should be a part of a reading program, integrated and relevant to the reading and writing of actual texts, based on and building upon children's experiences with texts. Such phonics instruction can and should be built into all beginning reading programs.

References

- Adams, M.J. (1990). Beginning to read: Thinking and learning about print. Cambridge, MA: M.I.T. Press.
- Anderson, R.C., Hiebert, E.F., Wilkinson, I.A.G., & Scott, J. (1985). Becoming a nation of readers. Champaign, IL: National Academy of Education and Center for the Study of Reading.
- Blanchard, J.S. (1981). A comprehension strategy for disabled readers in the middle school. *Journal of Reading*, 24, 331-336.
- Bridge, C.A., Winograd, P.N., & Haley, D. (1983). Using predictable materials vs. preprimers to teach beginning sight words. The Reading Teacher, 36, 884-891.
- Carbo, M. (1988). Debunking the great phonics myth. Phi Delta Kappan, 70, 226-240.
- Chall, J.S. (1983a). Learning to read: The great debate (revised, with a new foreword). New York, NY: McGraw-Hill.
- Chall, J.S., (1983b). Stages of reading development. New York: McGraw-Hill.
- Chall, J.S. (1989). Learning to read: The great debate twenty years later. A response to "Debunking the great phonics myth." Phi Delta Kappan, 71, 521-538.
- Clarke, L.K. (1989). Encouraging invented spelling in first graders' writing: Effects on learning to spell and read. Research in the Teaching of English, 22, 281-309.
- Clymer, T. (1963). The utility of phonic generalizations in the primary grades. The Reading Teacher, 16, 252-258.
 Cunningham, P.M. (1991). Phonics they use. New York:
- Cunningham, P.M. (1991). Phonics they use. New York: HarperCollins.
- Fleisher, L.S., Jenkins, J.R., & Pany, D. (1979-1980). Effects on poor readers' comprehension of training in

- rapid decoding. Reading Research Quarterly, 15, 30-48.
- Flesch, R. (1955). Why Johnny can't read. New York: Harper & Row.
- Frith, Ü. (1985). Beneath the surface of developmental dyslexia. In K.E. Patterson, K.C. Marshall, & M. Coltheart (Eds.), Surface dyslexia: Neuropsychological and cognitive studies of phonological reading. Hillsdale, NJ: Erlbaum.
- Gaskins, I.W., Downer, M.A., Anderson, R.C., Cunningham, P.M., Gaskins, R.W., Schommer, M., & The Teachers of Benchmark School. (1988). A metacognitive approach to phonics: Using what you know to decode what you don't know. Remedial and Special Education, 9, 36-41.
- Juel, C. (1988). Learning to read and write: A longitudinal study of fifty-four children from first through fourth grade. Journal of Educational Psychology, 80, 437-447.
- Juel, C., & Roper/Schneider, D. (1985). The influence of basal readers on first grade reading. Reading Research Quarterly, 20, 134-152.
- Lomax, R.G., & McGee, Ł.M. (1987). Young children's concepts about print and reading: Toward a model of reading acquisition. *Reading Research Quarterly*, 22, 237-256.
- McCormick, C.E., & Mason, J.M. (1986). Intervention procedures for increasing preschool children's interest in and knowledge about reading. In W.H. Teale & E. Sulzby (Eds.), *Emergent literacy: Writing and reading* (pp. 90-115). Norwood, NJ: Ablex.
- Newman, J.M., & Church, S.M. (1990). Commentary: Myths of whole language. The Reading Teacher, 44, 20-27
- Pinnell, G.S., Fried, M.D., & Estice, R.M. (1990). Reading Recovery: Learning how to make a difference. *The Reading Teacher, 43*, 282-295.
- Republican Party National Steering Committee. (1990).

 Position paper on teaching children to read. Washington, DC: Author.
- Samuels, S.J. (1988). Decoding and automaticity: Helping poor readers become automatic at word recognition. The Reading Teacher, 41, 756-760.
- Slavin, R.E. (1991). Reading effects of IBM's "Writing to Read" program: A review of evaluations. Educational Evaluation and Policy Analysis, 13, 1-11.
- Stahl, S.A., & Miller, P.D. (1969). Whole language and language experience approaches for beginning reading: A quantitative research synthesis. Review of Educational Research, 59, 87-116.
- Taylor, B.M., & Nosbush, L. (1983). Oral reading for meaning: A tecnhique for improving word identification skills. The Reading Teacher, 37, 234-237.
- Teale, W.H. (1987). Emergent literacy: Reading and writing development in early childhood. In J.E. Readence & R.S. Baldwin (Ed.), Research in literacy: Merging perspectives, Thirty-sixth yearbook of the National Reading Conference (pp. 45-74). Rochester, NY: National Reading Conference.
- Trachtenburg, P. (1990). Using children's literature to enhance phonics instruction. The Reading Teacher, 43, 648-653.
- Treiman, R. (1985). Onsets and rimes as units of spoken syllables: Evidence from children. *Journal of Experi*mental Child Psychology, 39, 161-181.