

BRING POWERFUL WRITING STRATEGIES INTO YOUR CLASSROOM!

Why and How

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Writing is important. A local policeman recently explained to an elementary school class, “In 20 years, I have shot my gun twice. I use my pen every day. If you want to be a cop, you have to learn to write.”

Why Is Writing Important?

The policeman gave this class good advice. We know that writing plays a key role in learning, as students use writing to gather and organize knowledge and to explore and refine their ideas. We also know that writing is the primary means by which students demonstrate their knowledge in today’s classrooms and that both writing about text read and teaching writing have a positive impact on reading outcomes (Graham, 2006; Harris, Graham, Brindle, & Sandmel,

2009). Failure to acquire strong writing abilities restricts opportunities for both postsecondary education and employment.

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The importance of writing is recognized in the new Common Core State Standards (CCSS) adopted by 46 states (National Governors Association Center for Best Practices & Council of Chief State School Officers, 2010). These standards focus on the acquisition of foundational writing skills, such as handwriting and spelling, as well as the following four writing applications:

1. Writing for multiple purposes (narrate, persuade, inform/explain)
2. Producing and publishing well-organized text appropriate to task and purpose by increasingly applying processes involving planning, revising, editing, and collaborating with others
3. Using writing to build knowledge about specific topics or materials read
4. Applying writing to extend and facilitate learning in a range of discipline-specific subjects as well as across purposes and audiences

Unfortunately, we also know that many students experience difficulty with writing. Data from the National Center for Education Statistics (2012) reveal that less than a third of students in the United States have mastered the skills necessary for *proficient*, or *grade-level appropriate* writing on the National Assessment of Educational Progress. Most of our students in the United States have scored at the *basic* level or below, which denotes only *partial mastery of the writing skills needed at each grade*. A deteriorating attitude toward writing across the grades has also been reported.

How Did We Get Here?

First, writing is challenging, and typically must be developed across K–12 and into postsecondary employment or

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education. Skilled writing is complex, requiring extensive self-regulation of a flexible, goal-directed, problem-solving activity. In addition to basic skills, students must also develop knowledge about the writing process, genre knowledge, and strategies for writing and self-regulating the writing process.

The National Commission on Writing (2003), however, reported that of the three “Rs,” writing has become the most neglected in classrooms; reading and math have also received priority over writing in both research and funding for research (Harris et al., 2009). Further adding to this picture, research indicates that the majority of teachers report inadequate pre- and inservice preparation in writing instruction and often do not implement evidence-based interventions.

How Can We Develop Better Writers?

The CCSS (National Governors Association Center for Best Practices & Council of Chief State School Officers, 2012) are a strong foundation for improving our students’ writing. Using evidence-based approaches in our classrooms will make a difference, as will increasing the time and attention given to writing development. We focus here on one powerful evidence-based approach making a difference in students’ writing development: Self-Regulated Strategy Development (SRSD). SRSD for writing has had the strongest impact of any strategies instruction approach in writing and

has been deemed an evidence-based practice or received favorable ratings by multiple evaluators (cf. Baker, Chard, Ketterlin-Geller, Apichatabutra, & Doabler, 2009; Graham & Perin, 2007; National Center on Response to Intervention, 2011).

What Is SRSD, and What Is the Evidence Base?

Briefly described, SRSD instruction includes explicit, interactive learning of powerful strategies for writing both across and within genres, the knowledge (including vocabulary and background knowledge) needed to use these strategies, and strategies for self-regulating use of these writing strategies throughout the writing process (e.g., goal setting, self-assessment, self-instructions, self-reinforcement). Equally important, SRSD purposively develops self-efficacy for writing, attributions to strategy knowledge and effort, and motivation for writing.

Instruction takes places across six flexible, recursive, and highly interactive stages with a gradual release of responsibility for writing to students (Harris et al., 2009). Instruction proceeds based on students’ progress; students are given the time they need to make these strategies their own. Procedures for maintaining what has been learned and determining how to use this knowledge across writing tasks are integrated throughout the stages of instruction. These stages are briefly summarized in the Table.

Table SRSD Stages of Instruction

1. *Develop and activate knowledge needed for writing and self-regulation*

- Read and discuss works in the genre being addressed (persuasive essays, reports, etc.) to develop declarative, procedural, and conditional knowledge (e.g., What is an opinion? What are the parts of a persuasive essay, are they all here? How do you think the author came up with this idea; what would you do? What might the author have done to organize the ideas? What might the author do when he gets frustrated?); appreciation of characteristics of effective writing (How did the writer grab your interest?); and other knowledge and understandings targeted for instruction. Continue development through the next two stages as needed until key knowledge and understandings are clear.
- Discuss and explore both writing and self-regulation strategies to be learned; may begin development of self-regulation, introducing goal setting and self-monitoring.

2. *Discuss it—discourse is critical!*

- Discuss students' current writing and self-regulation abilities, their attitudes and beliefs about writing, what they are saying to themselves as they write, and how these factors might help or hinder them as writers; emphasize role of both effort and learning powerful strategies in becoming a better writer.
- Graphing (self-monitoring) may be introduced, using prior compositions; this will assist with goal setting (graphing prior writing can be skipped if the student is likely to react negatively—graph only essays written during instruction).
- Further discuss writing and self-regulation strategies to be learned: purpose, benefits, how and when they can be used or might be inappropriate (begin generalization support).
- Establish students' commitment to learn strategies and act as collaborative partner; establish role of student effort and strategy use.

3. *Model it*

- Use interactive teacher modeling or collaborative modeling of writing and self-regulation strategies.
- Analyze and discuss strategies and model's performance and make changes as needed.
- Model self-assessment and self-recording through graphing of modeled compositions.
- Continue student development of self-regulation strategies across composition and other tasks and situations; discuss use here and in other settings (continue generalization support).

4. *Memorize it*

- Although typically begun in earlier stages, require and confirm memorization of strategies, mnemonic(s) and self-instructions as appropriate.
- Continue to confirm and support memorization in following stages, and make sure students have memorized the mnemonics and what they mean before independent performance.

5. *Support it*

- Teachers and students use writing and self-regulation strategies collaboratively to achieve success in composing, using prompts such as strategy charts, self-instruction sheets, and graphic organizers.
- Challenging, appropriate initial goals for genre elements and characteristics of writing are established collaboratively with individual students; criterion levels are increased gradually until final goals are met.
- Prompts, guidance, and collaboration are faded individually (e.g., graphic organizer replaced with student creating mnemonic on scratch paper) until the student can compose successfully alone.
- Self-regulation components (goal setting, self-instructions, self-monitoring, and self-reinforcement) are all being used by this stage; additional forms of self-regulation, such as managing the writing environment, use of imagery, and so on may be introduced.
- Discuss plans for maintenance and continue support of generalization.

6. *Independent performance*

- Students are able to use writing and self-regulation strategies independently; teachers monitor and support as necessary.
- Fading of overt self-regulation may begin (graphing may be discontinued).
- Plans for maintenance and generalization continue to be discussed and implemented.

Note. Stages 1 and 2 are often combined in instruction; a stage or combination of stages may take several lessons to complete; instruction is often recursive across stages; students should progress across stages as they meet criteria for doing so.

More than 80 studies of SRSD (true experiments, quasi-experiments, and single-subject design studies) have been

conducted across grades 1–12 (Graham, Harris, & McKeown, in press). These studies provide convincing evidence

that SRSD is an effective method for teaching writing strategies to students who represent the full range of writing

“SRSD is an effective method for teaching writing strategies to students who represent the full range of writing ability in a typical class.”

ability in a typical class and students with writing disabilities. SRSD research has resulted in the development of writing strategies (typically with the assistance of teachers and their students) for a variety of genres, including personal narratives, opinion and persuasive essays, report writing, expository essays, story writing, and state writing tests. SRSD research has also been conducted on the integration of reading and writing strategies to improve each (Mason, Reid, & Hagaman, 2012).

How Can Teachers Learn to Use SRSD?

All of us have worked with teachers learning to implement SRSD and strongly recommend the practice-based professional development approach (PBPD), which our research has shown to be highly effective (cf. Harris et al., 2012). PBPD focuses on teacher development of knowledge, understanding, and skills regarding an effective educational practice before they use it, with support once classroom use begins (cf. Ball & Cohen, 1999). PBPD has six critical characteristics:

1. Collective participation of teachers within the same school with similar needs
2. Basing professional development around the characteristics, strengths, and needs of the students in these teachers' current classrooms

3. Attention to content knowledge needs of teachers, including pedagogical content knowledge
4. Opportunities for active learning and practice of the new methods being learned, including opportunities to see examples of these methods being used and to analyze the work
5. Use of materials and other artifacts during professional development that are identical to those to be used in the classroom
6. Feedback on performance while learning, and before using these methods in the classroom, so that understandings and skills critical in implementation are developed

Want to Know More?

If you don't have access to PBPD for SRSD in writing, we know many dedicated teachers, coaches, and others who have made use of available resources to begin SRSD in their schools or classrooms. These resources include two books that contain lesson plans for all of the evidence-based strategies developed to date across elementary through high school (Harris et al., 2008; Mason et al., 2012). Two other books provide greater detail on modifying strategies to student needs and on development of self-regulation (Graham & Harris, 2005; Harris & Graham, 1996).

Online, you can find lesson plans for selected strategies at kc.vanderbilt.edu/casl/srsd.html and an excellent website about strategies instruction at cehs.unl.edu/csi/. Several free, interactive

tutorials on SRSD can be found at iris.peabody.vanderbilt.edu/. Finally, all of the stages of SRSD instruction can be seen in an elementary and middle school classroom in a video by ASCD “Teaching students with learning disabilities in the regular classroom: Using learning strategies [videotape 2]”: www.ascd.org/ascd-express/vol7/707-video.aspx.

Parting Words

We interview our students and their teachers as they work with SRSD, and we thought you might like to hear comments from two recent elementary students in our classrooms. In his interview, Luke said, “Of course I can write now, somebody taught me how!” Perhaps one of the most fun comments we've gotten over the years came from Chris: “I like food, all kinds of food—but I like Count and Plan FAST (a state writing test strategy) even better!”

REFERENCES

- Baker, S.K., Chard, D.J., Ketterlin-Geller, L.R., Apichatabutra, C., & Doabler, C. (2009). Teaching writing to at-risk students: The quality of evidence for Self-Regulated Strategy Development. *Exceptional Children*, 75(3), 303–318.
- Ball, D.L., & Cohen, D.K. (1999). Developing practice, developing practitioners: Toward a practice-based theory of professional education. In L. Darling-Hammond & G. Sykes (Eds.), *Teaching as a learning profession: Handbook for policy and practice* (pp. 3–31). San Francisco: Jossey-Bass.
- Graham, S. (2006). Writing. In P. Alexander & P. Winne (Eds.), *Handbook of educational psychology* (pp. 457–478). Mahwah, NJ: Erlbaum.
- Graham, S., & Harris, K.R. (2005). *Writing better: Effective strategies for teaching students with learning difficulties*. Baltimore: Brookes.
- Graham, S., Harris, K.R., & McKeown, D. (in press). The writing of students with LD, a meta-analysis of SRSD writing intervention studies, and future directions: Redux. In L. Swanson, K.R. Harris, & S. Graham (Eds.), *Handbook of learning disabilities* (2nd ed.). New York: Guilford.
- Graham, S., & Perin, D. (2007). *Writing Next: Effective strategies to improve writing of adolescent middle and high school*. Washington, DC: Alliance for Excellence in Education.
- Harris, K.R., & Graham, S. (1996). *Making the writing process work: Strategies for composition*

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- and self-regulation. Cambridge, MA: Brookline.
- Harris, K.R., Graham, S., Brindle, M., & Sandmel, K. (2009). Metacognition and children's writing. In D. Hacker, J. Dunlosky, & A. Graesser (Eds.), *Handbook of metacognition in education* (pp. 131–153). Mahwah, NJ: Erlbaum.
- Harris, K.R., Graham, S., Mason, L., & Friedlander, B. (2008). *Powerful writing strategies for all students*. Baltimore: Brookes.
- Harris, K.R., Lane, K.L., Graham, S., Driscoll, S., Sandmel, K., Brindle, M., et al. (2012). Practice-based professional development for self-regulated strategies development in writing: A randomized controlled study. *Journal of Teacher Education*, 63(2), 103–119. doi:10.1177/0022487111429005
- Mason, L.H., Reid, R., & Hagaman, J.L. (2012). *Building comprehension in adolescents: Powerful strategies for improving reading and writing in content areas*. Baltimore: Brookes.
- National Center for Educational Statistics. (2012, September). *The nation's report card: Writing*. Retrieved January 30, 2013, from nces.ed.gov/nationsreportcard/pubs/main2011/2012470.asp
- National Center on Response to Intervention. (2011, July 31). *Instructional intervention tools chart: SRSD for writing*. Retrieved January 30, 2013, from www.rti4success.org/instructionTools/
- National Commission on Writing. (2003, April). *The neglected R: The need for a writing revolution*. Washington, DC: College Entrance Examination Board. Retrieved January 30, 2013, from www.collegeboard.com/prod_downloads/writingcom/neglectedr.pdf
- National Governors Association Center for Best Practices & Council of Chief State School Officers. (2010). *Common Core State Standards for English language arts and literacy in history/social studies, science, and technical subjects*. Washington, DC: Authors.

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