

SIM™ Programs Added to the Institute of Education Sciences' What Works Clearinghouse

A new report adds two Strategic Instruction Model™ programs to an influential national database of education interventions that have been proven effective in the classroom.

The report found that **Xtreme Reading** and SIM's **Learning Strategies Curriculum**, separately, have shown evidence of—in the parlance of the Institute of Education Sciences' What Works Clearinghouse (WWC) — “potentially positive effects” on reading achievement for struggling adolescent readers. The WWC rating means at least one study of each program reported statistically significant positive effects.

In both cases, the level of evidence met criteria to allow the programs to be included in the What Works Clearinghouse, a first for both interventions. Inclusion in the WWC is important: Educators who adopt interventions listed in the database are assured that the programs are effective and are supported by high-quality research.

The report, *Summary of Research Generated by Striving Readers on the Effectiveness of Interventions for Struggling*

Adolescent Readers, was prepared for the IES's National Center for Educational Evaluation and Regional Assistance. It reviewed studies of interventions tested during the Striving Readers initiative. Striving Readers grants were awarded in 2006 and 2009.

In regard to SIM programs, the authors found that two studies—one of Xtreme Reading and one of the SIM Learning Strategies Curriculum—reported statistically significant positive effects. A second study of Xtreme Reading reported effects that were not large enough to be considered significant under WWC criteria.

In considering the implications of the report, its authors wrote: “This body of evidence substantially increases the amount of credible information available to district administrators trying to decide how to best meet the needs of struggling adolescent readers.”

Read the background on the Striving Readers initiative, the review process, and conclusions for all Striving Readers interventions.

<http://ies.ed.gov/ncee/pubs/20164001/>

A Three-Session Mathematics Webinar Begins January 2016

For the past two years, Drs. Bradley Kaffar (St. Cloud State University) and Margaret Flores (Auburn University) have been making the rounds to updates and the SIMposium to share with SIMTM professional developers what they have learned from their research with the Math Strategies. If you have attended one of their sessions, you have learned a lot to pass on to teachers in your work. However, as we collect information in the form of your SIM post-professional development reports, we see few reports of sessions being conducted in math. We thought that one way to support you and the teachers with whom you work would be by offering a learning opportunity in the form of a mathematics webinar series. The first series, which will be recorded and available subsequent to its initial delivery, focuses on addition and subtraction with regrouping for students who struggle.

When students do not respond to evidence-based practices within the general education class, they may (a) lack understanding related to numeracy and the base ten system, (b) need more experience with manipulative objects, (c) need instruction related to procedural knowledge, and/or (d) need instruction that includes more teacher demonstration and guidance. Miller, Stringfellow, Kaffar, Ferreira, and Mancil (2011), recommend balanced mathematics curricula and instruction that addresses conceptual, procedural, and declarative knowledge for students who struggle.

A body of research recommends that teachers, (a) implement explicit mathematics instruction, (2) use concrete and representational models, (3) teach cognitive strategies, and (4) administer mathematics timings for fluency practice. Engaging in such instruction can ensure that a solid foundation is established for students. Fortunately, the SIM Math Series addresses all four of these research recommendations.

The lessons in the SIM Math Series are based on the “concrete-representational-abstract” method of instruction. This means that students first learn to understand and solve computation and word problems using base-ten blocks, then move to using drawings (i.e., squares to represent hundreds, vertical lines to represent tens, and horizontal lines to represent ones), and finally work with numbers alone. To help facilitate the transition from using drawings to using only numbers to solve regrouping problems, the students learn a simple strategy.

Once conceptual knowledge is gained, students learn the procedural steps that must be



followed to obtain accurate answers with problems involving numbers only. Finally, fluency is developed through motivating minute timings and exciting games using the “pig dice” that accompany the manual.

Clever strategies are used to facilitate memory of important steps to follow when solving these challenging problems. Emphasis is placed on helping students determine whether or not regrouping is required. A graduated word-problem sequence prevents fear and frustration and promotes accurate performance when attacking word problems that require regrouping.

KUCRL will host a blended instructional opportunity for teachers whose students require or are receiving Tier Two or Tier Three instruction focused on addition and subtraction with regrouping. Dr. Bradley Kaffar and Dr. Margaret Flores will instruct, *Mathematics Regrouping Strategies in Tier Two and Beyond*. This learning opportunity will include independent reading, video lessons, two live, interactive demonstrations, job embedded activities that can lead to a Fidelity Micro-credential, and opportunities for feedback and guidance. The instruction is aligned with standards for mathematics.

Schedule:

- *January 11, 2016:* View, pre-recorded video orientation; demonstration of instructional procedure; independent reading.
- *January 25, 2016:* Live, 60 minute practice and application interactive session. Time: 6 pm eastern; 5 pm central, 4 pm mountain, 3 pm pacific
- *February 8, 2016:* Live, 60-minute interactive session: reflections, questions, and implementation issues. Time: 6 pm eastern; 5 pm central, 4 pm mountain, 3 pm pacific

Reference

Miller, S. P., Stringfellow, J. L., Kaffar, B. J., Ferreira, D., & Mancil, D. B. (2011). Developing computation competence among students who struggle with mathematics. *Teaching Exceptional Children*, 44(2), 38-46.

Welcome New SIM Professional Developers!

Congratulations to the Following
SIM Professional Developers
certified between Aug. 1, 2014 &
July 31, 2015.

Arkansas

Sandra Hurst, CEPD

California

Dorothee Chadda, CEPD

Jessica Downs Henderson, LSPD

Laurie McLachlan Fry, LSPD

Kathy Spielman, LSPD

Carmel Zimmerman, LSPD

Connecticut

Matthew Bender, CEPD

John Rehehan, CEPD

MaryJo Terranova, LSPD

Florida

Brian Barrett, LSPD

Sarah Drachler, CEPD

Margaret Gress, CEPD

April Maitner, CEPD

Donna Marquis-Cox, CEPD

Sallie Payne, CEPD

Terry Schultz Nourse, LSPD

Tonya Srader, CEPD

Laura Sullivan, CEPD

Danielle Williams, CEPD

Angela Wright-Nash, CEPD

MJ Ziemba, CEPD

Iowa

Mark Burnett, LSPD

Michigan

Sherrie Cole-Whitaker, CEPD

Minnesota

Larissa Bell, LSPD

Kate Green, LSPD



2015 SIM International Conference Certification Ceremony

Montana

Kim Hanks, CEPD

Debbie Hunsaker, CEPD

Gwen Poole, CEPD

Charlotte Slaughter, CEPD

Patricia Toavs, CEPD

Liz Tuss, LSPD

North Carolina

Neva Butler, LSPD

Maggie Davis, LSPD

A. Lynn King, CEPD

Katelyn McKenna, LSPD

Abby Nussbaum, LSPD

New York

Rita Daly, CEPD

Colleen Jamison, CEPD

Cliff Mele, CEPD

David Preston, CEPD

Mary Wilcox, CEPD

Ohio

Mandie Bentz, CEPD

Randi Eilrich, LSPD

Texas

Teri Clement, CEPD

Erin Drees-Snyder, CEPD

Angela Haas, CEPD

Christy Henry, CEPD

Matthew Pope, CEPD

Virginia

Cathleen Beachboard, CEPD

Cecelia Beasley, CEPD

Chris Bostic, CEPD

Joan LovegrenO'Brien, LSPD

Thank you to these SIM Professional Developers who submitted reports of professional development sessions to KU-CRL during 2015!

Please submit session information when you conduct PD. Your reports help us to understand the state of the Strategic Instruction Model™ across the country and around the world, and help the Center do more.

Alabama - Margaret Flores, Mary Stowe

California - Rheanna Bates, Margaret Cassidy, Mary Frances Goodwin, Beth Lasky, Lydia Martinez, Joy Ruppensburg, Chris Schnieders, Cathy Spriggs

Delaware - Deborah Fagan, Debra Mossburg

Florida - Ami McCall, Elaine McCann, Melissa Mulock, Mary Anne Steinberg

Georgia - Donna Chester, Teresa Cockerham, Jane Basler, Kathy Boyle-Gast, Darlene Fletcher, Denise Gilbo, Berna Levine, Darlene McElhannon, Candace Southall

Iowa - Sandra Bonner, Gretchen Conway, Bev Downey, Jill Hageman, Paula Hamp, Pam Jobgen, Kristyn Flake Manjoine, Julie Meyer, Bruce Noah

Illinois - Elizabeth Hardman, Cyndi Martin, Linda Morning

Indiana - Beth Tulbert

Kentucky - Bonnie Gelke

Maryland - Deborah Fagan

Minnesota - Mary Kirchoff, Amy Mahlke, Lisa Skifton

Missouri - Anita Baranski, Elizabeth Hanak, Jennifer Menkhus, Mary Ellen O'Hare, Kim Ojile, Kim Toebe

Nebraska - Jude Cepero

New York - Joseph Boyle

North Carolina - Maggie Davis, Elizabeth Gibbs, Pamela Leitzell

North Dakota - Jan Brekken, Teresa Forseth, Susan Woodruff

South Carolina - Sharon Harms

Tennessee – Jerri Neduchal

Texas - Gina Alligood, Becky Barrett, Mary Black, Greer Del Rio, Erin Drees-Snyder, Julia Eyer, Amy Havard, Heather Haynes Smith, Kelsey Jansen, Becky Kephart, Yvonne Schneider, Judy Uzell, Kim Watts, Vicky Yarbrough

Vermont - Mary Sue Crowley

Virginia – Lisa Atkins, Helen Barrier, Cathleen Beachboard, Cecilia Beasley, Christopher Bostic, Janie Brown, Margaret Calabrese, Gaby Cornejo-Legora, Julie Dauksys, Bonnie Fenwick, Judith Fontana, Judith Fontaine, Linda Freeman, Diane Gillam, Constance Hadley, Phyllis Haynes, Julie Herzog, Catherine League, Joan Lovegren-O'Brien, Dana McCaleb, Whitney Miller, Catherine Pace, Tina Spencer, Mary Stowe, Rachel Stuart, Ashleigh Szlosek, Doray Walker, Jocelyn Washburn

Washington – LouAnn Brandstetter, Pam Broman, Betsy Broom, Jane Coward, Sue Plato, Lisa Tyler

West Virginia - Brenda Clark

Wisconsin - Susan Probst

China - Mary Porter

Professional Development Reporting

Submit your SIM Professional Development Reports electronically at the following link:

<http://www.surveymonkey.com/s/PostPDDDataSubmissionSurvey>

We use the information we get from you for the Stratenotes newsletter, to help shape future offerings, and for other SIM-related projects. We look forward to hearing about all the great work you're doing in the field!



SIM PROFESSIONAL DEVELOPERS
2015–2016 SIM VIRTUAL CONFERENCE
Registration Form

Name: _____
School/District/Workplace _____
Work Address: _____ Fax: _____
City: _____ State/Province: _____ ZIP: _____
Home Address: _____ Mailing Address: ☐ Home ☐ Work
City: _____ State/Province: _____ ZIP: _____
Phone (home) _____ (work) _____
Email address to be used for communication about this conference: _____

Choose your virtual conference session:

- ☐ **Winter:** Jan. 11–Feb. 7, 2016; webinar dates Feb. 10 & Feb. 11 **REGISTRATION DEADLINE: Jan. 4, 2016**
☐ **Spring:** Apr. 11–May 18, 2016; webinar dates May 11 & May 12 **REGISTRATION DEADLINE: April 4, 2016**

AMOUNT ENCLOSED:

<input type="checkbox"/> Registration: Streaming video option	\$400 (U.S. funds)	\$ _____
<input type="checkbox"/> Registration: DVD option	\$425 (U.S. funds)	\$ _____
<input type="checkbox"/> Strateworks membership renewal (optional)	\$50	\$ _____
Total		\$ _____

PAYMENT INFORMATION

- ☐ **Check** (made payable to KUCRL)
☐ **Credit card** (Visa or MasterCard) # _____
Expiration date: _____ 3-digit security code (req.) _____
☐ **Personal card** OR ☐ **Name of institution:** _____
Billing address (req.): _____
Authorization signature: _____ Phone: _____
Email for paid credit card receipt: _____
☐ **P.O. #** _____ **Name of institution issuing P.O.:** _____

*Mail or fax completed form and your payment to
KUCRL, Joseph R. Pearson Hall, 1122 West Campus Rd.
Lawrence, KS 66045-3101
Fax: 785.864.5728 • Email: orderkucrl@ku.edu*

Refund Policy: If you cannot participate in this conference, you must notify KUCRL by the following deadlines to receive a refund of your registration fee. **There will be a cancellation fee of \$25 for all cancellations.** We will be unable to issue refunds for cancellations received **after Dec. 29, 2015, for the virtual conference beginning Jan. 11, 2016, or after March 28, 2016 for the virtual conference beginning April 11, 2016.**

Please make a copy of this information for your records.

The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression and genetic information in the University's programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Director of the Office of Institutional Opportunity and Access, IOA@ku.edu, 1246 W. Campus Road, Room 153A, Lawrence, KS, 66045, (785) 864-6414, 711 TTY.

STRATEWORKS MEMBERSHIP RENEWAL 2015-2016: \$50
SEPTEMBER 1, 2015-AUGUST 31, 2016

Name: _____

Home Address: _____

City: _____ State: _____ ZIP: _____

Work Address: _____

City: _____ State: _____ ZIP: _____

Home Phone: _____ Work Phone: _____

Email address: _____

Alternate email address: _____

☐ Add me to SIMTRAINER-L, the email discussion list for SIM Professional Developers ☐ Yes ☐ No

Please check one: ☐ Professional Developer ☐ Not a Professional Developer

☐ Apprentice or Potential Professional Developer ☐ Other:

Please indicate where you prefer to receive paper mailings: ☐ Home ☐ Work

☐ Check here to receive the Stratenotes newsletter by email (e-Stratenotes) rather than paper mailing.

Please indicate whether you are interested in receiving referrals for independent professional development work when inquiries are received from your area/state: ☐ Yes ☐ No Comments: _____

Strateworks membership includes:

- *Stratenotes*-a newsletter published nine times a year *2015 will be the final year for the paper edition of *Stratenotes*
- *Stratedirectory Online*-a searchable, web-based listing of SIM Professional Developers
- SIMTRAINER-L-an optional e-mail discussion list for SIM Professional Developers
- SIMville-a collection of resources on our website available to active SIM Professional Developers
- Statepubs-two recent research articles distributed each winter
- Professional Developer Micro-credential(s) *See *Stratenotes* newsletter (v. 23, iss. 8, 2014-15) for more details.

Regardless of when you begin or renew your membership, the *Strateworks* membership year begins in September and runs through August of the next year. Thus, if you renew your membership in December 2015, your membership is valid from September 2015 through August 2016. Back issues of all *Stratenotes* newsletters are available in the General Information section of SIMville.

PAYMENT INFORMATION

☐ **Check** (made payable to KUCRL)

☐ **Credit card** (Visa or MasterCard) # _____

Expiration date: _____ 3-digit security code (req.) _____

☐ Personal card OR Name of institution: _____

Billing address (req.): _____

Authorization signature: _____ Email for paid receipt: _____

Phone: _____

☐ **P.O.** # _____ Name of institution issuing P.O.: _____

*Mail or fax completed form and your payment of \$50 (U.S.)
KUCRL, Joseph R. Pearson Hall, 1122 West Campus Rd, Rm. 517,
Lawrence, KS 66045-3101*

Fax: 785.864.5728 Email: orderkucrl@ku.edu

The University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression and genetic information in the University's programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Director of the Office of Institutional Opportunity and Access, IOA@ku.edu, 1246 W. Campus Road, Room 153A, Lawrence, KS, 66045, (785) 864-6414, 711 TTY.

SIM CALENDAR

Jan 11 - Feb 7, 2016

Winter Virtual Update
Conference for SIM
Professional Developers

Jan 11, 25 & Feb 8, 2016

Webinar: Mathematics
Regrouping Strategies in Tier
Two and Beyond

Jan 19-21, 2016

Coaching Strategic
Instruction
Lawrence, KS

January 26-27, 2016

Florida Update Conference
for SIM Professional
Developers
Orlando, FL

February 23-24, 2016

Southeast Update
Conference for SIM
Professional Developers -
Charleston, SC

April 11 - May 9, 2016

Spring Virtual Update
Conference for SIM
Professional Developers

June 14-15, 2016

Iowa Update for SIM
Professional Developers

July 13-15, 2016

SIM International
Conference for SIM
Professional Developers
Lawrence, KS

For a complete list of SIM events, including those not coordinated by KUCRL:

SIM.KUCRL.ORG/CLASSES

LIST YOUR OPEN SESSIONS ON THE SIM CALENDAR: We are contacted by hundreds of educators each year who have heard about SIM or CLC and are looking for opportunities to learn more. Email information about your open sessions to monatipton@ku.edu to be included in the online SIM Events Calendar.

ADDRESS SERVICE REQUESTED

Stratenotes Volume 24, Issue #2
1122 West Campus Road, 7th Floor
Lawrence, Kansas 66045-3101