






Leveled Math Readers

Aligns to Title I, Section 1003(g)
SCHOOL IMPROVEMENT GRANTS

School Improvement Grants (SIG) are intended to help Title I schools, identified for improvement, corrective action, or restructure, implement reform strategies, specifically the four intervention models—Turnaround, Restart, School Closure, or Transformation Model. Within the Turnaround and Transformation Models, districts and schools are required to implement a series of required activities, as well as other optional elements. The chart below shows how *Scholastic Leveled Math Readers* can support School Improvement, specifically for Turnaround and Transformation Models. The criteria are drawn from the Federal Title I, Section 1003(g) Guidance posted at: <http://www2.ed.gov/programs/sif/legislation.html>.


SIG Requirements	Scholastic <i>Leveled Math Readers</i>
<p>Implement an instructional program that is research-based</p>	<p>Scholastic <i>Leveled Math Readers</i>, which received the 2013 Teachers’ Choice Award from <i>Learning Magazine</i>, is designed to help children in grades K-5 learn literacy and math skills from engaging printed and eBook stories. While students build essential vocabulary and concepts that relate to problem solving and mathematical thinking, they participate in discussions and hands-on activities to enhance comprehension, speaking, and listening skills.</p> <p><i>Leveled Math Readers</i> provide content-area fiction and nonfiction books that are leveled from A to W to help teachers determine which books children can read independently or as part of a guided-reading session. Elementary school teachers can also use these versatile books with accompanying teacher notes to address the following math concepts:</p> <ul style="list-style-type: none"> ▪ Counting and Numbers ▪ Numbers and Operations ▪ Measurement and Data Analysis ▪ Patterns and Counting Sequence ▪ Addition and Subtraction ▪ Operations and Algebraic Thinking ▪ Sorting ▪ Geometry and Shapes ▪ Reading Clocks and Time ▪ Estimating ▪ Fractions ▪ Multiplication Foundation <p>Literacy and mathematics instruction creates a solid foundation upon which students launch a successful education. During the early grades, students use language to explore mathematical relationships in the world. Increasingly, students use technological tools to learn and apply these concepts. <i>Leveled Math Readers</i> offers opportunities to reinforce students’ literacy and math skills through a multimedia approach that meets their needs on multiple levels.</p> <p><u>Research Base</u></p> <p>Multiple research studies have shown that avid readers demonstrate both superior literacy development and wide-ranging knowledge across subjects (Allington, 2011; Hiebert, 2010; Guthrie, 2008; Foorman, 2006; Krashen, 2004).</p> <p>The fact that all books in <i>Leveled Math Readers</i> come as eBooks supports research stating that “Twenty-first century readers and writers need to develop proficiency with the tools of technology [and] create, critique, analyze, and evaluate multi-media texts.”(NCTE, 2008)</p> <p style="text-align: right;">CONTINUED</p>

<p>Implement an instructional program that is research-based, <i>Continued</i></p>	<p>“[H]igh-quality, challenging, and accessible mathematics education [...] is a vital foundation for future mathematics learning... Also important is weaving mathematics into children’s experiences with literature, language, science, social studies, art, movement, music, and all parts of the classroom environment.” – <i>NAEYC & NCTM, 2002.</i></p> <p>Research reveals that “Whether the domain is English language arts, mathematics, science, social studies, history, art, or music, 21st-century competencies and such expertise as critical thinking, complex problem solving, collaboration, and multimedia communication should be woven into all content areas. These competencies are necessary to become expert learners, which we all must be if we are to adapt to our rapidly changing world over the course of our lives.” (<i>National Education Technology Plan, 2010</i>). <i>Leveled Math Readers</i> can help teachers improve student performance and success across the literacy and math content areas.</p> <p><u>Components</u></p> <p><i>Leveled Math Readers</i> are available in grade-level sets. Each set includes:</p> <ul style="list-style-type: none"> ▪ Six printed copies of each leveled book ▪ Interactive eBook for <u>every</u> title ▪ Comprehensive Teacher’s Guide for Grades K-2 or 3-5, which contains: <ul style="list-style-type: none"> ○ Discussion prompts and ideas for classroom activities ○ Reproducible activity sheets for the classroom ○ A skills index that matches every text to specific mathematical skills ○ Key vocabulary supports <p> For more information on <i>Leveled Math Readers</i>, including research, please visit: www.scholastic.com/leveledmathreaders.</p>
<p>Implement an instructional program that is aligned with State academic standards</p>	<p>Informed by the latest research in literacy and mathematics education, <i>Leveled Math Readers</i> helps students meet the expectations of State academic standards, including those of the Common Core State Standards for English Language Arts for Reading in Literature, Informational Text, and Foundational Skills. <i>Leveled Math Readers</i> also support the Common Core State Standards for Mathematics, as the program works to provide students with the foundational skills necessary to apply more challenging math concepts and procedures.</p> <p><i>Leveled Math Readers</i> connect to State academic standards through:</p> <ul style="list-style-type: none"> ▪ Teacher’s Guide with title-related notes and activities that include lists of key content-area words and key mathematical concepts for each lesson ▪ Three phases of instruction – <i>Read and Talk Math</i>, <i>Read and Do Math</i>, and <i>Practice Math</i> – to help students grow math knowledge while simultaneously building reading comprehension skills ▪ A range of reading levels in each set to allow students to engage with increasingly complex text ▪ Notes for Teachers and Families and activities located in the back of books to reinforce standards-based learning <p> For information about how <i>Leveled Math Readers</i> correlates to the Common Core State Standards, please see: http://teacher.scholastic.com/products/classroombooks/pdfs/LMR_ELA_K-5.pdf and http://teacher.scholastic.com/products/classroombooks/pdfs/LMR_MATH_K-5.pdf</p>

<p>Integrate technology-based supports and interventions as part of the instructional program</p>	<p><i>Leveled Math Readers</i> provides an interactive CD eBook of every printed title. The software features page-turning functionality, which allows teachers to use the book on an interactive whiteboard with the whole class or in small groups. Each eBook contains an array of whiteboard tools, allowing teachers to annotate key vocabulary or highlight key teaching points. Teachers can save annotations and use them for assessment, lesson continuation, or future reference. The program’s eBooks provide greater accessibility and high levels of engagement for all students.</p> <p>Every eBook allows students to :</p> <ul style="list-style-type: none"> ▪ Click on the audio option to hear the text spoken out loud ▪ Highlight words and draw on the digital version of the text ▪ Type on the notepad with students' own ideas and comments <p> To preview an eBook, please visit: www.scholastic.com/leveledmathreaders</p>
<p>Use formative, interim, and summative assessments to inform and differentiate instruction</p>	<p>The <i>Leveled Math Readers</i> program supports each book with a Teacher Notes and Activity Page found in the Teacher’s Guide and on the CD. It includes suggestions for introducing and discussing books, reinforcing learning through hands-on activities, and ways to use the reproducible activity sheets. All suggestions can be easily adjusted to suit different ability levels and learning styles. Teachers can review students’ work to help differentiate lessons and classroom activities. Some activities include story retelling, which can help teachers gauge students’ comprehension.</p>
<p>Implement a school wide <i>Response to Intervention</i> model</p>	<p>As a resource for intervention, <i>Leveled Math Readers</i> complements core literacy and math curricula and adds diversity to teaching resources with print, technology, and hands-on activities. Each book’s guided reading level is identified so that teachers can match students to books they can read, meeting the needs of readers at various stages of proficiency.</p> <p><i>Leveled Math Readers</i> is flexible and can be easily adapted to various instructional settings, including whole-class, small-group, and independent reading instructional models. Students interact with the eBooks individually or with a partner. Interactive lesson tools motivate students to read and provide embedded scaffolds to boost comprehension. The Teacher’s Guide and CD contain discussion prompts, easy-to-implement hands-on activities, and reproducible activity sheets that engage students through multiple learning modalities.</p>
<p>Implement effective strategies to ensure that students with disabilities and LEP students acquire language skills to master academic content</p>	<p><i>Leveled Math Readers</i> provides multiple strategies to ensure students with disabilities and LEP students acquire language skills to master academic content:</p> <ul style="list-style-type: none"> ▪ Teachers can use the program during guided reading sessions, which allows them to scaffold texts to meet student needs. Guided reading gives students the opportunity to read a wide variety of texts; to problem solve while reading for meaning; to use strategies on complete, extended text; and to attend to words in texts. ▪ Title-related teacher notes follow an inquiry-based format that engages students and allows teachers to determine whether students have understood what they have read. <p style="text-align: right;">CONTINUED</p>

<p>Implement effective strategies to ensure that students with disabilities and LEP students acquire language skills to master academic content, <i>Continued</i></p>	<ul style="list-style-type: none"> ▪ <i>Leveled Math Readers</i> provides an eBook for every title. If students struggle with decoding text, they can click on the audio option to hear the text spoken aloud. This provides greater accessibility for struggling readers, as well as helps LEP students acquire language skills and academic content. ▪ The program provides instruction and practice through multiple learning modalities, including visual, auditory, and tactile. The Teacher’s Guide provides easy-to-implement project-based activities for all books. All suggestions can be easily adjusted to suit different ability levels and learning styles. ▪ The Teacher’s Guide highlights key vocabulary for each title, which helps LEP students build language skills and content-area vocabulary.
<p>Establishing schedules and strategies that provide increased learning time</p>	<p><i>Leveled Math Readers</i> provides increased learning time due to its versatile nature:</p> <ul style="list-style-type: none"> ▪ Every book is available in both print and digital formats, which provides greater accessibility and higher levels of engagement for students. ▪ The program can supplement both the reading/writing and math curricula. ▪ <i>Leveled Math Readers</i> program activities can be implemented during the regular school day, extended school day, summer school, or at home <p>By providing motivating materials for students to use to reinforce literacy skills and math concepts, <i>Leveled Math Readers</i> can contribute to increased learning time for students.</p>
<p>Providing ongoing mechanisms for family and community engagement</p>	<p>The Teacher’s Guide provides a family activity sheet for each title. Each sheet describes to families how to do the activity and suggests a related hands-on activity to do at home with their child. The activities reinforce what children have learned in the classroom and involve families in their child’s education.</p> <p>The back of every book contains more title-related activity suggestions for families to do with their children using easy-to-find materials, such as construction paper, scissors, blocks, magazine illustrations, and a ruler.</p>
<p>Provide staff with ongoing, high-quality job-embedded professional development that is aligned with the school’s comprehensive instructional program</p>	<p>Research tells us that educators are more likely to change their teaching practices when professional development is directly linked to the program they are teaching (AERJ Research Points, 2005). To ensure fidelity of program implementation, Scholastic provides teachers and administrators with an in-depth understanding of its research-based instructional programs. Program Implementation Training offerings include:</p> <ul style="list-style-type: none"> ▪ Foundational Implementation – Initial Program Implementation Training provides the necessary tools to begin an immediate and effective implementation of Scholastic programs. Scholastic Literacy Consultants cover the research base, model lessons, and guide teachers through lesson implementation. ▪ Follow-up Implementation – Follow-Up Implementation Training provides deeper knowledge and expertise to maximize the effectiveness of the implementation. Educators collaborate with a Scholastic Literacy Consultant to analyze work samples, address questions, and improve their implementation of the program.

<p>Conduct periodic reviews to ensure that the curriculum is being implemented with fidelity, and is having the intended impact on student achievement</p>	<p><u>In-Classroom Support & Coaching</u> RECOMMENDED—At an additional cost Scholastic offers a yearlong customized plan of in-classroom visits that provides teachers with in-person, individualized support and focused strategies for the classroom. Based upon the Teacher Self-Assessment Form, Scholastic Consultants provide teachers with individualized support and focused strategies side-by-side in the classroom. Scholastic consultants will build relationships with teachers to support on-model implementation, classroom management, program monitoring, and data-driven instruction.</p>
<p>Develop and increase teacher and school leader effectiveness</p>	<p>To improve student achievement, districts need to have a clear vision for teaching and learning, a firm understanding of priorities, and a defined path to accomplish goals. The <i>Scholastic Achievement Partners</i> (SAP) team of proven leadership and instructional specialists can partner with school leaders to help develop and implement an actionable plan for school improvement. SAP provides districts and schools with focused support for strategic planning, on-site consulting, leadership coaching, instructional support culture, and governance support to help district leaders achieve school improvement goals.</p> <p>SAP services include the following:</p> <p><u>Comprehensive Needs Assessment</u>—During this data-driven planning process, SAP consultants work with school leadership teams to identify the strengths and challenges of a district or school. Working together, goals are established, and measurements to assess implementation are defined. The Needs Assessment includes interviews, focus group discussions, presentations, and a final report.</p> <p><u>Data Analysis Reporting (DAR)</u>—The Data Analysis Report (DAR) is a longitudinal report that provides an in-depth review of a school or district’s performance measures over the course of the past three years. The data profile provides quantitative evidence of student academic data, demographic information, college readiness indicators, and school characteristics to help identify strengths and areas of need and serves as a starting point for comprehensive school improvement.</p> <p><u>Leadership Institute</u>—SAP can tailor an intensive Leadership Institute that quickly and effectively builds the leadership density of the academic team. Ideal for districts with new leadership or within a district under rapid change, these institutes are delivered over consecutive days and typically held during the summer of scheduled in-service days. The topics are customized to meet the specific needs of the leadership team.</p> <p><u>Foundations of Organizational Leadership</u>—These one-day courses focus on building leadership capacity. Topics include Establishing Structures, Communicating a Shared Vision, Creating a Culture of High Academic Expectations, Using System wide Data, Leading Change, Developing and Implementing Rigor and Relevance, as well as Leading Professional Dialogue.</p> <p><u>Foundations of Effective Instruction</u>—These one-day courses focus on building and sustaining teacher effectiveness. Topics include Creating a Rigorous and Relevant Learning Environment, Applying Rigorous and Relevant Instructional Strategies, Using Data to Inform Instruction, and Collaborating for Continuous Professional Learning.</p> <p style="text-align: right;">CONTINUED</p>

Develop and increase teacher and school leader effectiveness, <i>Continued</i>	<p><u>Leadership Coaching</u>—Highly customized, on-site support with an executive coach helps build leadership capacity through side-by-side, collaborative sessions that guide and support leaders.</p> <p><u>Job-Embedded Instructional Coaching</u>—Results-oriented and holistic in approach, job-embedded instructional coaching supports teachers in meeting the needs of every student by building their skills in learner engagement, academic rigor, and real world relevance. Coaches work with teachers during the regular school day in their classrooms and during planning periods to raise student achievement.</p> <p> For additional information regarding SAP services, please see: http://teacher.scholastic.com/products/scholastic-achievement-partners/#/our-services-section.</p>
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