




NEXTGENERATION


System 44 Next Generation

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 **System 44 Next Generation** 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	System 44 Next Generation
Implement an instructional program that is research-based	<p><i>System 44 Next Generation, Grades 3-12+</i>, combines the best thinking on research-based phonics instruction for older students with the power of adaptive technology and age-appropriate, supportive fiction and nonfiction text. The <i>System 44 Next Generation</i> software delivers a personalized learning path through systematic instruction in phonics, decoding, word recognition, and writing. Educator Dashboards deliver unparalleled access to critical student performance and implementation data while the Groupinator™ simplifies differentiated instruction.</p> <p>The <i>System 44 Next Generation</i> adaptive technology was created by Dr. Ted Hasselbring and his work at Vanderbilt University. Over the past 25 years, Dr. Hasselbring has conducted research on the use of adaptive technology for enhancing learning in students with mild disabilities and those who are at risk of school failure. Since its launch in 2008, <i>System 44 Next Generation</i> has been successfully implemented in hundreds of schools and has earned a history of success, including an endorsement by the Council of Administrators of Special Education (CASE), as well as multiple successes across varying implementations nationwide.</p> <p>Personalized learning in <i>System 44 Next Generation</i> is driven by the research-proven FASTT—Fluency and Automaticity through Systematic Teaching with Technology—algorithm, which helps students manage their acquisition of new information and then carefully synthesizes this information as long-term memory in the brain.</p> <p>The <i>System 44, Raising Reading Achievement</i> Report provides the research and efficacy studies for <i>System 44 Next Generation</i> students, including Special Education students, English Learners, and At-risk Adolescents. It summarizes correlational and descriptive studies as well as randomized or quasi-experimental studies, and includes reports on reading gains for the general student populations as well as for specific demographic groups of students. The years of research gathered in the report provide strong evidence that <i>System 44 Next Generation</i> has played, and will continue to play, a critical role in helping schools meet the literacy needs of today's generation of students.</p> <p> For additional information regarding the research foundations and efficacy of <i>System 44 Next Generation</i>, please see: http://system44.scholastic.com/research.</p>

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<p>Implement an instructional program that is aligned with State academic standards</p>	<p><i>System 44 Next Generation</i> is designed to offer the most challenged readers and their teachers a comprehensive system for mastering the foundational reading skills and moving students toward the independence needed to meet the rigorous expectations of the State Standards. The <i>System 44 Next Generation</i> research-based scope and sequence was designed by Dr. Marilyn Jager Adams, one of the nation’s leading researchers on phonics and an architect of the Foundational Reading Standards of the Common Core State Standards.</p> <p> For information about how <i>System 44 Next Generation</i> correlates to State Standards, please see: http://system44.scholastic.com/funding-standards/state-standards.</p>
<p>Integrate technology-based supports and interventions as part of the instructional program</p>	<p>The <i>System 44 Next Generation</i> research-based Software combines learning theories, pedagogical principles, and integrated media technology. The Software uses adaptive technology to customize and scaffold individual skill practice and application in phoneme manipulation, word recognition, vocabulary, spelling, comprehension, writing, and fluency. Throughout the program’s sequence, the Software offers consistent and targeted support and feedback with nonjudgmental and individualized coaching. Background videos in the Software help students build mental models of new concepts before reading an informational passage.</p> <p><i>System 44 Next Generation</i> uses adaptive technology to deliver a personalized learning progression via the following five Strands:</p> <p><u>The Code</u></p> <p>Students move from letter-sound correspondence through fluent word recognition with direct instruction and intensive adaptive practice. Dictation activities in The Code provide students with the opportunity to apply decoding skills while building writing fluency.</p> <p><u>Word Strategies</u></p> <p>Students become effective and efficient decoders of multisyllabic words. These lessons offer immediate, corrective feedback as students learn to consciously apply strategies and use morphology to read and understand multi-syllabic words.</p> <p><u>Sight Words</u></p> <p>Students focus on building fast and automatic recognition of the highest-utility sight words in these lessons. Each lesson begins with an assessment that is used to customize instruction for each student.</p> <p><u>Writing Strand</u></p> <p>Students engage in independent practice in writing evidence-based summaries tied to Software content, with scaffolds that reinforce teacher-mediated practice in the <i>44Book</i>.</p> <p><u>Success Strand</u></p> <p>Students are provided with an opportunity to watch a video and read 100% nonfiction connected text with scaffolds. Cloze activities support the application of comprehension and vocabulary skills.</p> <p>Throughout the Software, students have the ability to fast-track through topics in which they demonstrate mastery, or receive new material when additional practice is needed.</p>


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<p>Use formative, interim, and summative assessments to inform and differentiate instruction</p>	<p>Ensuring that students are placed at the proper level is critical, which is why <i>System 44 Next Generation</i> includes two computer-based assessments that are reliable and valid. Both the <i>Scholastic Phonics Inventory</i> (SPI) and <i>Scholastic Reading Inventory</i> (SRI) can be used for placement and progress monitoring.</p> <p><u>Universal Screener</u></p> <p><i>Scholastic Phonics Inventory</i> (SPI) is an effective screening tool designed to determine if the root cause of reading difficulty is decoding. Students who score around or below the 25th percentile on the SRI or students who in the judgment of an educator have decoding issues should be further assessed with SPI. SPI also provides important information to teachers to inform direct, data-driven instruction in Small-Group differentiated rotations. SPI is highly reliable and validated against the Test of Word Reading Efficiency (TOWRE) and Woodcock Johnson III; it can be group-administered in approximately 10 minutes. Based on the students’ score, SPI generates three possible prescriptions for the student.</p> <ol style="list-style-type: none"> 1. The student requires instruction in phonemic awareness and basic decoding instruction and should be placed in the beginning of <i>System 44 Next Generation</i>. 2. The student requires phonics and decoding instruction and should be placed in <i>System 44 Next Generation</i>; however, the students can skip the most foundational topics. 3. The student can decode adequately and needs an intervention that focuses on reading comprehension, such as <i>READ 180 Next Generation</i>. <p><u>Progress Monitoring</u></p> <p><i>Scholastic Reading Inventory</i> (SRI) is used to determine a student’s Lexile measure, based on the Lexile Framework® for Reading. SRI also determines the appropriate instructional level in the Software for each student. After placing students at the correct level, SRI is used to monitor progress in reading comprehension development. In addition, as students work independently on the computer, the <i>System 44 Next Generation</i> Software is automatically and continuously collecting student performance data, which feeds multiple reports that teachers use to inform Small-Group Instruction. Through ongoing assessments, SRI and SPI can be used throughout the year to continue monitoring student progress and differentiating instruction as needed.</p> <p>The Teacher and Leadership Dashboards highlight key implementation metrics, such as time-on-task, which are key to overall programmatic results. With the Teacher Dashboard, data is made actionable with the algorithmic Groupinator™, which assigns students to groups based on skill or progress in the Software. In addition to Data Snapshots and Notifications, the Teacher Dashboard provides additional point-of-use professional development resources such as short videos of model lessons and differentiated lessons tied to that day’s instruction.</p> <p>The Teacher Dashboard highlights the most important student performance data and allows teachers to use data to plan and differentiate instruction. Teachers have access to daily customizable, Standards-aligned lesson plans, and an at-a-glance summary of each day’s lesson, so they are able to deliver targeted instruction at the class, group, and student level.</p>

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<p>Promote the continuous use of data in order to meet the diverse academic needs of individual students</p>	<p>The <i>Scholastic Achievement Manager (SAM)</i> captures performance data each time students use the <i>System 44 Next Generation</i> software. SAM aggregates the performance data into reports for individual students, groups, or an entire class. The reports allow teachers to monitor students’ progress, target instruction, and share results with administrators or families. The SAM system provides powerful reports that educators can use to fine-tune instruction and improve student performance. These filters allow sorting by ethnicity, Free-Reduced lunch status, English-Language Learners, and Special Education student populations. The Demographic Proficiency Report allows educators to disaggregate by AYP groups at the class, school, and district levels.</p> <p>The Student Digital Portfolio, accessible via the <i>Scholastic Achievement Manager (SAM)</i>, includes a goal-setting tool to help teachers and students evaluate progress towards yearly academic and behavioral goals. Tracking academic goals increases students’ intrinsic motivation, classroom engagement, and the desire to continue to succeed. Students can also track and monitor their own progress through the use of additional print materials such as the <i>System 44 Self-Monitoring Chart</i>, available as a resource.</p> <p>The Teacher Dashboard provides the resources that teachers need to manage the student data they collect, group students, and plan instruction. From the Dashboard, teachers can view and print reports that provide detailed diagnostic data to help teachers understand individual needs, group students, target key skills, monitor growth, and compare progress with peers.</p> <p>The Leadership Dashboard facilitates connected leading by providing an easily accessible overview of program implementation metrics. Leaders can use the dashboard to efficiently monitor student performance and implementation fidelity and to access tools for planning and managing resources.</p> <p> For more information about SAM including links to see sample reports, please see: http://teacher.scholastic.com/products/sam/</p>
<p>Implement a school wide <i>Response to Intervention</i> model</p>	<p><i>System 44 Next Generation</i> helps educators address the principles of Multi-Tiered Systems of Support (MTSS) by addressing both Response to Intervention (RTI) criteria and Positive Behavior Intervention & Supports (PBIS) criteria in order to meet the needs of the whole child. The <i>System 44 Next Generation</i> Individualized Learning Plan (ILP), accessible via SAM and the Teacher Dashboard, provides teachers with a quick and simple way to set and monitor academic and behavioral goals for each student. Via SAM, teachers are able to set academic goals for Decoding, Spelling, Fluency, and Independent Reading and align those goals to Individual Education Plans (IEPs). Teachers can also create customized benchmarks that align to their school’s grading periods or IEP marking periods. The ILP Data Snapshots on the Teacher Dashboard provide an at-a-glance view to how an individual student is tracking toward his or her academic and behavioral goals within a benchmarked timeframe.</p> <p> For additional information regarding how <i>System 44 Next Generation</i> can support a schoolwide RTI model, please see: http://system44.scholastic.com/about/special-education.</p>

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<p>Implement effective strategies to ensure that students with disabilities and LEP students acquire language skills to master academic content</p>	<p><i>System 44 Next Generation</i> provides students with a personalized progression through the Instructional Software and explicit instruction in comprehension and writing.</p> <p><u>Strategies for Special Education Students</u></p> <p><i>System 44</i> was designed specifically to meet the needs of older, struggling readers with reading and language disabilities who struggle with foundational literacy skills, including phonemic awareness, phonics, and decoding fluency. <i>System 44</i> addresses these skill weaknesses and provides differentiated support. Features include:</p> <ul style="list-style-type: none"> ▪ <u>Individual Education Program (IEP) Supports</u>—Point of use data and reports allow teachers and parents to measure student progress toward annual IEP goals, both academic and behavioral. ▪ <u>Multisensory Instructional Resources</u>—Visual, auditory, tactile, and kinesthetic tools help teachers differentiate instruction. ▪ <u>Universal Design for Learning (UDL) Principles</u>—The Software aligns with the core principles of UDL, providing multiple means of presentation, expression, and engagement. ▪ <u>Positive Behavioral Intervention Systems (PBIS) Supports</u>—Multiple print and digital resources support the implementation of positive behavioral intervention at all Instructional Tiers. <p><u>Strategies for English Language Learners</u></p> <p><i>System 44 Next Generation</i> software provides direct instruction and individualized practice for English Language Learners based on a systematic scope and sequence. Features include:</p> <ul style="list-style-type: none"> ▪ <u>Vocabulary Support through Imagery</u>—Images are provided for over 2,000 words in the Software. Additional support is provided for words that are difficult to image, such as concept words and verbs. ▪ <u>First Language Support in Spanish</u>—At any point during the Software instruction, students can click on any word and receive a translation in Spanish. ▪ <u>Pronunciation Modeling</u>—Sound & Articulation videos help teachers to model correct academic pronunciation of all sound-spellings taught in the program. ▪ <u>Multicultural Content</u>—Age-appropriate, multicultural content across all program components reflects ethnic, cultural, and linguistic diversity.
<p>Establishing schedules and strategies that provide increased learning time</p>	<p>The <i>System 44 Next Generation</i> classroom is designed to maximize student engagement with technology, text, and the teacher, as well as with other students. Students use the Software daily and alternate between Small-Group Differentiated Instruction and modeled and independent reading. The program can be used effectively during a regular class period, in a resource room, and in after- and summer school programs.</p> <p>Teachers begin each call with Whole-Group Instruction to motivate and engage students. Daily “Do Now” activities provide language warm-up practice and set daily learning goals. In Small-Group Instruction, teachers use the <i>44Book</i> to teach lessons in phonemic awareness, phonics, comprehension, and writing. The <i>Groupinator</i>® supports data-based differentiation by recommending groups and suggested lessons.</p>

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<p>Providing ongoing mechanisms for family and community engagement</p>	<p>The <i>System 44 Next Generation</i> Family Portal supports the diversity of <i>System 44</i> students’ family members and caregivers. The Family Portal, which is available in Spanish and English, includes a variety of information and resources, including tips and videos to support phonics instruction at home for all families, including those with Special Education students and English language learners. Additionally, a Parent Letter, available in English and Spanish, explains the goal of the <i>System 44 Next Generation</i> program, steps children will be completing as they learn, and ways to reinforce their learning at home. Student reports that display students’ progress and usage in the program can be shared with parents during conferences or sent home as progress indicators.</p>
<p>Provide staff with ongoing, high-quality job-embedded professional development that is aligned with the school’s comprehensive instructional program</p>	<p>Scholastic provides the following professional development for teachers and leaders:</p> <p><u><i>System 44 Next Generation</i> Implementation Training</u></p> <p>INCLUDED WITH PURCHASE</p> <ul style="list-style-type: none"> ▪ Experiencing the screening tools and software from a student’s perspective ▪ Using the management system to review student data and access resources ▪ Planning teacher-directed instruction and guided practice ▪ Exploring ideas for building a classroom community, including leading whole-group instruction and managing small groups ▪ Integrating <i>System 44</i> into current <i>READ 180</i> classrooms, as applicable <p><u><i>System 44 Next Generation</i> Interactive Webinar</u></p> <p>INCLUDED WITH PURCHASE</p> <p>This Webinar helps <i>System 44 Next Generation</i> teachers expand their expertise, including: planning instruction with the Teacher Dashboard and the Interactive Teaching System (ITS), assessing fluency and writing in the SAM Student Digital Portfolio, and using data to target instruction at differentiation Checkpoints.</p> <p><u><i>System 44 Next Generation</i> Leadership Training</u></p> <p>INCLUDED WITH PURCHASE</p> <p>In this half-day training district leaders, coaches, and principals learn to successfully implement <i>System 44 Next Generation</i>, including: understanding the research-based behind <i>System 44 Next Generation</i>, identifying program features that accelerate reading achievement, monitoring implementation fidelity with the Leadership Dashboard, and analyzing report data to support accountability and work toward AYP targets.</p> <p>Scholastic will also meet with school or district teams to develop a personalized professional development plan that best supports their needs.</p>
<p>Conduct periodic reviews to ensure that the curriculum is being implemented with fidelity,</p>	<p><u>In-Classroom Support & Coaching</u></p> <p>RECOMMENDED—At an additional cost</p> <p>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 build relationships with teachers to support on-model implementation, classroom management, program monitoring, and data-driven instruction.</p>

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<p>and is having the intended impact on student achievement</p>	<p><u>Data Analytics Services</u> RECOMMENDED—At an additional cost Scholastic will partner with the district to collect and analyze data from the district level down to the individual classroom, and present customized reports and graphs, as needed, to determine next steps. Scholastic experts can help the district to:</p> <ul style="list-style-type: none"> ▪ Use program data to evaluate implementation and make changes for program efficiency and return on instruction investment ▪ Compare and analyze district, school, and classroom growth data and targets ▪ Identify district- or school-level trends and quickly “drill down” to pinpoint concerns ▪ Use data for short- and long-range planning for teachers, classrooms, schools, and the district <p>Scholastic Implementation Experts provide the district with feedback on how to improve the implementation of <i>System 44 Next Generation</i> or other Scholastic programs in the district. Quarterly Implementation Effectiveness Reports include:</p> <ul style="list-style-type: none"> ▪ Implementation indicators at the class, school, and district levels ▪ Actionable data and recommendations for school and district leaders ▪ Data presentations, as needed
<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 style="text-align: right;">CONTINUED</p>

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<p>Develop and increase teacher and school leader effectiveness <i>Continued</i></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 Systemwide 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><u>Leadership Coaching</u>—Highly customized, on-site support with an executive coach helps build leadership capacity through side-by-side, collaborative sessions that 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>