



**NEXT**GENERATION


# System 44 Next Generation

Aligns to IDEA, Part B

## EDUCATION OF CHILDREN WITH DISABILITIES

The purpose of *IDEA, Part B—Formula Grant Programs* is to assist states in providing a free, appropriate public education (FAPE) in the least restrictive environment for children with disabilities ages 3 through 21. The following chart shows how **System 44 Next Generation** can support children with disabilities under IDEA, based on key components and recommendations from IDEA, Part B, Section 611. The criteria are drawn from the Federal *IDEA, Part B Final Rules and Regulations*, posted at:

<http://www2.ed.gov/programs/osepgts/index.html>

Components of a IDEA, Part B Program	System 44 Next Generation
<p>Provide research-based and scientifically validated interventions</p>	<p><b>System 44 Next Generation</b>, Grades 3-12+, 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 Software delivers a personalized learning path through systematic instruction in phonics, decoding, word recognition, and writing, as outlined by State Standards. Educator Dashboards deliver unparalleled access to critical student performance data while the <i>Groupinator</i>® simplifies differentiated instruction.</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 struggling readers toward the independence needed to meet the rigorous expectations of college- and career-ready State Standards.</p> <p><b>RESEARCH</b></p> <p>Since its inception, <i>System 44</i> has relied on the research-based design of Dr. Ted Hasselbring and his work through Vanderbilt University. The program leverages the power of research-based instructional practices and adaptive, personalized technology driven by the FASTT—Fluency and Automaticity through Systematic Teaching with Technology—algorithm, in order to deliver the precise foundational literacy instruction each student needs to achieve mastery. Since its launch in 2008, <i>System 44</i> has earned a history of success, including an endorsement by the Council of Administrators of Special Education (CASE) and countless successes across varying implementations nationwide.</p> <p>The <i>Compendium of System 44 Research</i> summarizes the substantial base of evidence that has informed the development of the program, and provides a collection of evidence-based results for the most challenged readers, including English Language Learners and Special Education students.</p> <p> To download a copy of the <i>System 44 Next Generation</i> Research Foundation Paper, please see:  <a href="http://system44.scholastic.com/research">http://system44.scholastic.com/research</a></p>

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<p>Provide access to the Core Curriculum taught in General Education classrooms</p>	<p><i>System 44 Next Generation</i> was designed to help the most challenged readers master the foundational reading skills required for success with State Standards, through explicit instruction in phonics, comprehension, and writing.</p> <p><u>Staircase of Increasing Text Complexity</u></p> <p><i>System 44 Next Generation</i> is designed to meet students where they are and accelerate them to grade-level text. The <i>44Book</i> exposes students to increasingly complex texts through multiple readings on similar topics. Each <i>44Book</i> Module includes two grade-level <i>Stretch</i> Texts, designed to give the most challenged readers access to complex grade-level text. <i>Success</i> Passages in the Software increase in complexity as students move through the program. The <i>System 44 Next Generation</i> Library includes a variety of literature, nonfiction, poetry, graphic classics, and career-oriented titles and exposes students to multiple text formats—<i>eBooks</i>, Audiobooks, and paperback books.</p> <p><u>Informational Text</u></p> <p>The <i>System 44 Next Generation</i> 100% nonfiction Software provides opportunities for students to connect with text that is relevant to their content-area classes, including science, social studies, math, and art. The <i>44Book</i> scaffolds close reading of 80% nonfiction texts, 25% of which are primary sources. These texts engage students in learning and building critical thinking and constructing knowledge. The <i>System 44 Next Generation</i> Library includes 75% nonfiction content.</p> <p><u>Rigorous Text-Based Questioning</u></p> <p>Embedded throughout the <i>44Book</i> are questions that ask students to draw directly from the text and apply progressively more rigorous comprehension skills, as well as Higher Order Thinking Skills, such as analysis and synthesis. Comprehension questions in the Cloze passages of the <i>Success</i> Strand assess comprehension of the Software passages.</p> <p><u>Reading Text with Fluency</u></p> <p>The <i>Word Zone</i> develops fluent decoding of words through modeling, individualized blending practice, and explicit instruction in common syllable types and word parts. The <i>Fluency Zone</i> presents reading tasks that promote skills transfer and require students to read and think about the meaning of text.</p> <p><u>Utilizing Academic Language</u></p> <p>In the Software, academic vocabulary is developed through explicit instruction in the <i>Smart Zone</i>. To support students’ vocabulary development, images are provided for over 2,000 words. Through daily reading, writing, and speaking activities the <i>44Book</i> exposes students to high-level academic and domain-specific vocabulary. New words are introduced in small, manageable amounts or in groups that share a sound-spelling or morphological pattern. Students encounter these words in their readings and practice using them during academic discussions about the text.</p> <p style="text-align: right;">CONTINUED</p>

Components of a IDEA, Part B Program	System 44 Next Generation
<p>Provide access to the Core Curriculum taught in General Education classrooms <i>Continued</i></p>	<p><u>Higher Order Thinking Skills</u></p> <p>In small groups, students receive explicit instruction in verbal and written summarizing. An instructional routine provides teachers with a structure for students to identify what is essential in a text and to process ideas deeply by expressing them in their own words. At the end of every Module, students work in small groups to complete a Research Project, which requires them to synthesize the Module texts, use evidence from text to support their ideas, and then present their ideas while practicing their public voice.</p> <p><u>Supporting Informative &amp; Argument Writing with Textual Evidence</u></p> <p>The <i>44Book</i> Modules include informational/explanatory and argument writing tasks. These scaffolded tasks build in complexity as students progress through the Modules, working their way toward writing evidence-based paragraphs with independence. Each module culminates in a performance-based task. The <i>Writing Strand</i> of the Software helps students build competency and confidence with writing summaries using evidence from the corresponding <i>Success</i> passages.</p>
<p>Use Supplemental Instructional materials, where appropriate, to strengthen the efficacy of the comprehensive core curriculum</p>	<p>The <i>System 44 Next Generation</i> Student Library provides students with daily opportunities for modeled and independent reading of high quality fiction and nonfiction. Each library includes a range of leveled, age-appropriate titles ranging from 100 Lexile measures (L) to 450L, targeting decoding skills and strategies to promote comprehension and build vocabulary and content-area knowledge. The Library is available in three formats, designed to support anytime/anywhere reading—Paperbacks, Audiobooks, and <i>eBooks</i>. The Library also includes resources that provide scaffolded supports, including embedded Comprehension questions, <i>QuickWrites</i>, Discussion Questions, and <i>Scholastic Reading Counts!</i> Quizzes for each title. Readings in all <i>System 44 Next Generation</i> print materials reflect ethnic, cultural, and linguistic diversity and focus on engaging topics, such as careers, music, heroes, relationships, health, and family. This wide range of Library titles ensures that students have the opportunity to read about topics that are relevant to their interests and personal experiences.</p>
<p>Educate students in the least restrictive environment consistent with their educational needs</p>	<p>The <i>System 44 Next Generation</i> instructional model is a research-based design for explicit, direct instruction and classroom organization for intensive intervention for struggling readers, including those with special needs. It provides a simple and clear organization for Whole- and Small-Group instruction. Instruction begins and ends with Whole-Group, teacher-directed instruction. In between the Whole-Group lessons, students are divided into three groups to rotate among three areas in the classroom—Small-Group instruction, independent reading, and individual practice on the Software. This instructional model supports the acceleration of struggling readers toward grade-level proficiency through a proven balance of direct instruction, Small-Group differentiation, and individual practice.</p> <p><i>System 44 Next Generation</i> can support the most struggling readers in a variety of settings, including a 50 to 60-minute class period, in a Resource room, and in after- and summer school programs.</p>

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<p>Implement a multi-tiered strategy designed to provide increasingly intensive interventions to those students who are not making adequate progress in the Core Curriculum</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 &amp; Supports (PBIS) criteria in order to meet the needs of the whole child. The program includes embedded supports and procedures for increasing student engagement, promoting positive behaviors, and motivating students to succeed.</p> <p>In <i>System 44 Next Generation</i>, all new resources and tools built in to instruction, planning, and data management are designed to support both academic and behavioral interventions. The MTSS resources found in the <i>Resources for Differentiated Instruction (RDI)</i> book and <i>44Book Teacher’s Edition’s</i> help teachers personalize the level of academic and behavioral intervention. Teachers explicitly teach behavioral expectations for all rotations in the first three weeks. Aligned rubrics allow both teachers and students to effectively evaluate and monitor behavior through shared goals and expectations. Structured lessons for each day of Small-Group allow teachers to introduce and strategically reinforce behavior and expectations throughout the year. Introducing the MTSS framework and tools early prevents academic and behavioral difficulties from becoming long-term challenges.</p> <p>The <i>System 44 Next Generation</i> Individualized Learning Plan (ILP), accessible via the <i>Scholastic Achievement Manager (SAM)</i> and the Teacher Dashboard, provides teachers with a quick and simple way to set and monitor academic and behavior goals for each student. Via SAM, teachers can set academic goals for Decoding, Spelling, Fluency, and Independent Reading and align those goals to Individual Education Plans (IEPs). Data for these goals is collected through Student Software performance and teacher input. 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. When conferencing with students, teachers have the ability to adjust benchmarks toward cumulative academic and behavioral goals for each student within the SAM Student Digital Portfolio.</p> <p>The <i>44Book</i> instructional routines help teachers actively engage students and set clear behavioral expectations for the classroom, thereby bolstering their students’ level of motivation. In addition, each lesson in the <i>44Book</i> provides implementation tools to consistently support behavior and build positive classroom culture. Using the “My Tools” tab within their <i>44Book</i>, students are also empowered to record and monitor their behavioral progress using rubrics. Furthermore, RDI contains a variety of supplemental lessons for individual and Small-Group instruction that support the implementation of <i>System 44 Next Generation</i> within an MTSS framework.</p>

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<p>Provide ongoing progress monitoring of students' responses to high-quality, research-based intervention, and use it to guide the Individualized Education Plan (IEP)</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><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 25<sup>th</sup> percentile on the SRI or students who have decoding issues should be further assessed with SPI. Based on the student's performance, SPI generates three possible prescriptions for the student.</p> <ol style="list-style-type: none"> <li>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>.</li> <li>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.</li> <li>3. The student can decode adequately and needs an intervention that focuses on reading comprehension, such as <i>READ 180 Next Generation</i>.</li> </ol> <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 <i>System 44 Next Generation Software</i> 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 Software</i> is automatically and continuously collecting student performance data, which feeds multiple reports that teachers use to inform Small-Group Instruction.</p> <p>The Teacher and Leadership Dashboards provide easy access to data from these ongoing assessments, allowing teachers and administrators to efficiently monitor student progress in real time, quickly identify problems, and inform decision-making about instruction. The SAM Student Digital Portfolio compiles student work and includes rubrics for teachers to score fluency recordings, writing prompts, and open-response items from the <i>rSkills Tests</i> and <i>Writing Zone</i>.</p> <p>The <i>Scholastic Achievement Manager</i> (SAM) captures performance data each time students use the <i>System 44 Next Generation software</i>. 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.</p>

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<p>Include literacy instruction that targets English Language Learners who have not yet been identified as needing Special Education services</p>	<p>Throughout <i>System 44 Next Generation</i>, program materials reflect a consideration for the needs of English Language Learners. All English Language Learners will benefit from the program’s diagnostic instruction in phonics that addresses students’ individual needs, through the placement test, multiple entry points, and opportunities for Fast-Track acceleration in the Software. English Language Learners will particularly benefit from the vocabulary supports incorporated throughout the program, including images for over 2,000 words. For words that are difficult to image, such as concept words and verbs, additional supports include sound effects and videos.</p> <p>In the <i>Success Strand</i>, students begin by watching an Anchor Video that builds background knowledge and helps them to build mental models of text. Sound &amp; Articulation videos help teachers model correct academic pronunciation of all sound-spellings taught in the program. For Spanish speakers, home language supports allow students to click on any word during the Software instruction and receive a translation in Spanish.</p> <p>English Language Learners are able to apply and practice their learned skills in the <i>System 44 Next Generation</i> decodable texts that provide frequent opportunities to experience success with reading decodable and sight words in varied contexts. In the <i>44Book</i>, teachers begin by frontloading academic vocabulary before engaging in the Module readings that include the targeted words. Like native English speakers, English Language Learners are able to apply and practice their learned skills with Audiobooks and independent reading books that are leveled so that students can experience frequent success with reading.</p>
<p>Inform parents of General Education services that would be provided and strategies to support their child’s rate of learning</p>	<p>The <i>System 44 Next Generation</i> Family Portal supports the diversity of 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 English Language Learners and Special Education students. 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 a high-quality professional development plan to support teachers providing Special Education services, as well as those implementing RTI</p>	<p><u><i>System 44 Next Generation</i> Implementation Training</u></p> <p>In this full day of on-site training, teachers learn how to effectively use <i>System 44 Next Generation</i> in their classrooms, including:</p> <ul style="list-style-type: none"> <li>▪ Experiencing the Software from a student’s perspective</li> <li>▪ Using the management system to review student data and access resources</li> <li>▪ Planning teacher-directed instruction and guided practice</li> <li>▪ Exploring ideas for building a classroom community, including leading whole-group instruction and managing small groups</li> </ul>

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<p>Provide a high-quality professional development plan to support teachers providing Special Education services, as well as those implementing RtI <i>Continued</i></p>	<p><u>System 44 Next Generation Implementation Training Follow-Up</u> In this full day of on-site training, teachers deepen their knowledge of <i>System 44 Next Generation</i>, including enhancing student software achievement, building expertise with SAM, using data to monitor progress and differentiate, teaching and monitoring in Small-Group, and strengthening <i>System 44</i> classroom management.</p> <p><u>System 44 Next Generation Interactive Webinar</u> 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>System 44 Next Generation Leadership Training</u> In this half-day training district leaders, coaches, and principals learn to successfully implement <i>System 44 Next Generation</i>, including: understanding the research-base behind the program, 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><u>In-Classroom Support</u>—RECOMMENDED, at an additional cost Scholastic consultants provide teachers with individualized support and focused strategies side-by-side in the classroom. They build relationships with teachers to support on-model implementation, classroom management, program monitoring, and data-driven instruction. A year-long customized plan of in-classroom visits provides teachers with in-person, individualized support and focused strategies for the classroom. For the best results, Scholastic recommends monthly visits for all teachers.</p>
<p>Coordinate with activities funded by and carried out under the Elementary and Secondary Education Act (ESEA)</p>	<p><i>System 44 Next Generation</i> can be integrated with funds from state, local, private, and other sources. The federal funding programs for which it qualifies include:</p> <ul style="list-style-type: none"> <li>▪ Title IA—Improving Basic Programs</li> <li>▪ Title I—School Improvement Grants (SIG)</li> <li>▪ Title I—Supplemental Education Services (SES)</li> <li>▪ Title III—English Language Acquisition</li> <li>▪ IDEA, Part B</li> <li>▪ IDEA, <i>Response to Intervention</i></li> <li>▪ 21<sup>st</sup> Century Community Learning Centers (21CCLC)</li> <li>▪ Race to the Top—District (RTT-D)</li> <li>▪ Striving Readers</li> <li>▪ Investing In Innovation (i3)</li> </ul>