



NEXTGENERATION

System 44 Next Generation


Aligns to 21st Century Community Learning Centers

The purpose of the 21st Century Community Learning Centers program is to support the creation of community learning centers that provide academic enrichment opportunities during non-school hours for children, particularly students who attend high-poverty and low-performing schools. The program helps students meet state and local standards in core academic subjects, such as reading and math; offers students a broad array of enrichment activities that can complement their regular academic programs; and offers literacy and other educational services to the families of participating children. The following chart shows how **System 44 Next Generation** can support a 21st CCLC program. The criteria are drawn from the Federal 21st CCLC Non-Regulatory Guidance, posted at:

<http://www2.ed.gov/programs/21stcclc/legislation.html>

Components of a 21CCLC Program	System 44 Next Generation
<p>Activities that provide remedial education activities, including additional assistance to students to allow the students to improve their academic achievement</p>	<p>System 44 Next Generation, 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 <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 <i>Groupinator</i>[®] simplifies differentiated instruction.</p> <p><i>System 44 Next Generation</i> builds mastery of foundational reading skills through personalized learning technology and direct instruction in phonics, decoding, reading, and writing skills, as outlined by State Standards.</p> <p><u>Reading</u></p> <p><i>System 44 Next Generation</i> gives students access to multiple text types, allowing them to develop word knowledge across a range of contexts. The Software is 100% nonfiction and 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> includes eight modules of nonfiction readings that cover a broad range of genres and text types, including content from Science, Social Studies, and Life Skills. Each <i>44Book</i> Module includes a fiction and nonfiction <i>Stretch</i> text, exposing students to thought-provoking, grade-level text. Students are encouraged to find the key idea of the text and respond both orally and in writing to text-based questions. The <i>System 44</i> Library includes a range of high-interest, age-appropriate Paperbacks, Audiobooks, and <i>eBooks</i>, ranging from a Lexile measure of 100L to 450L. Additionally, the <i>System 44 eBook</i> Library recommends titles “To Read” and allows students to search by Lexile, author, and genre.</p> <p style="text-align: right;">CONTINUED</p>

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<p>Activities that provide remedial education activities, including additional assistance to students to allow the students to improve their academic achievement <i>Continued</i></p>	<p><u>Writing</u></p> <p><i>System 44 Next Generation</i> scaffolds instruction and practice in argument writing. The <i>44Book</i> builds competence with evidence-based writing, while the Student Software develops fluency in summary writing. In the <i>44Book</i>, students write evidence-based responses about what they are reading. Each Module includes two writing tasks focused around the writing skills at the heart of State Standards—informational and argument writing. As students progress through the <i>44Book</i>, writing scaffolds decrease. The writing component of the <i>System 44 Next Generation</i> Software provides students with independent practice in writing summaries tied to content in the <i>Success</i> passage, helping students build comprehension and writing fluency. Writing prompts and scaffolds, such as sentence frames, echo those tools students encounter through teacher-mediated practice in the <i>44Book</i>, which helps students increase competence and confidence in writing.</p> <p><u>Language</u></p> <p>The <i>44Book</i> helps students meet grade-level expectations by asking them to apply rigorous comprehension and Higher Order Thinking skills such as synthesis, analysis, and evaluation as they read. The <i>44Book</i> exposes students to higher-level, content-rich texts while scaffolding close reading and comprehension through text-based questions. The text-based questions that accompany each text require students to think carefully about what they are reading and find evidence from the text to support their response. <i>Success Zone</i> passages on the Software require students to evaluate texts and their meaning. Additionally, the Software helps students to unlock multi-syllabic words through word analysis activities.</p> <p><u>Speaking & Listening</u></p> <p><i>System 44 Next Generation</i> includes systematic phonics instruction and word analysis strategies. The <i>Word Zone</i> develops fluent decoding of words through modeling, individualized blending practice, and explicit instruction on 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. Instructional routines provide support for practicing correct phrasing, speed, and expression. Audio recordings accompany every paperback to promote listening comprehension. Students engage in academic discussion one-on-one with both the teacher and other students during Small-Group Instruction, developing their oral language skills that they can use to communicate across the content areas. Additionally, the <i>Smart Zone</i> builds academic vocabulary through explicit instruction.</p>
<p>Programs that are based on scientifically based research that provides evidence that the program will help students meet state and local achievement standards</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.</p> <p style="text-align: right;">CONTINUED</p>

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<p>Programs that are based on scientifically based research that provides evidence that the program will help students meet state and local achievement standards <i>Continued</i></p>	<p>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. 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: http://system44.scholastic.com/research</p>
<p>Academic activities aligned with the school’s curriculum in the core subject areas</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 style="text-align: right;">CONTINUED</p>

Components of a 21CCLC Program	System 44 Next Generation
<p>Provide access to the Core Curriculum taught in General Education classrooms <i>Continued</i></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>Technology education programs</p>	<p>The <i>System 44 Next Generation</i> instructional software is intelligent and adaptive; it collects data based on individual responses and adjusts instruction to meet each student’s needs. Students’ learning experiences are unique as they are systematically guided through five learning Zones, engaging in differentiated skill instruction and practice in each Zone. These Learning Zones include:</p> <ul style="list-style-type: none"> ▪ <i>The Code</i>—Students move from letter-sound correspondence through fluent word recognition with direct instruction and intensive adaptive practice. Dictation activities provide students with the opportunity to apply decoding skills while building writing fluency. ▪ <i>Word Strategies</i>—Students become effective and efficient decoders of multi-syllabic words. These lessons offer immediate, corrective feedback as students learn to consciously apply strategies and use morphology to read and understand multi-syllabic words. ▪ <i>Sight Words</i>—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. ▪ <i>Success Strand</i>—Students watch a video and read 100% nonfiction connected texts with scaffolds. Cloze activities support the application of comprehension and vocabulary skills. ▪ <i>Writing Strand</i>—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>Activities for limited English proficient students that emphasize language skills and academic achievement</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 style="text-align: right;">CONTINUED</p>

Components of a 21CCLC Program	System 44 Next Generation
<p>Activities for limited English proficient students that emphasize language skills and academic achievement <i>Continued</i></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 & 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>Programs that provide assistance to students who have been truant, suspended, or expelled, to allow the students to improve their academic achievement</p>	<p><i>System 44 Next Generation</i> leverages the power of technology to motivate disenfranchised students and provide structured engagement opportunities. Students who are not drawn to print media but voluntarily spend hours on the computer can use a tool they value to master skills they need. In the Software, on-screen mentors sustain the learner’s engagement and interest by scaffolding, encouraging, and reinforcing his or her efforts, offering individualized corrective feedback according to the student’s performance. In the <i>Success Strand</i>, students experience and celebrate their achievements by watching exciting videos that build mental models for reading.</p> <p>The Student Dashboard allows students to track their overall progress while motivating and supporting them to build executive function skills. Before beginning instruction, students are reminded of their current progress in the Software. From the Dashboard, students can explore items of interest, including their total number of words mastered and unlocked <i>Success</i> videos. The Dashboard’s on-screen graphics encourage students to celebrate their successes and keep working toward their goals. 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 goals increases students’ intrinsic motivation, classroom engagement, and the desire to continue to succeed.</p>
<p>Ongoing staff training for implementing the academic support and enrichment services</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"> ▪ Experiencing the Software from a student’s perspective ▪ Using the management system to review 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 <p style="text-align: right;">CONTINUED</p>

Components of a 21CCLC Program	System 44 Next Generation
<p>Ongoing staff training for implementing the academic support and enrichment services <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>Programs that promote parental involvement</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>Periodic evaluation of the academic progress of children participating in the 21st CCLC program</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 style="text-align: right;">CONTINUED</p>

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<p>Periodic evaluation of the academic progress of children participating in the 21st CCLC program <i>Continued</i></p>	<p><i>Scholastic Phonics Inventory (SPI)</i> 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. 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><i>Scholastic Reading Inventory (SRI)</i> 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 (SAM)</i> 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>

Components of a 21CCLC Program	<i>System 44 Next Generation</i>
<p>Coordination of Federal, State, and Local services and programs</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"> ▪ Title IA—Improving Basic Programs ▪ Title I—School Improvement Grants (SIG) ▪ Title I—Supplemental Education Services (SES) ▪ Title III—English Language Acquisition ▪ IDEA, Part B ▪ IDEA, <i>Response to Intervention</i> ▪ 21st Century Community Learning Centers (21CCLC) ▪ Race to the Top—District (RTT-D) ▪ Striving Readers ▪ Investing In Innovation (i3)