




**SCHOLASTIC
OFFICE OF
EDUCATIONAL
ASSISTANCE**


Scholastic Reading Inventory™


Aligns to Enhancing Education Through Technology Criteria


According to the federal guidance for the *Enhancing Education Through Technology (Ed Tech) Program*, a Local Education Agency's (LEA) technology plan must address 13 specific components in order to qualify for formula or competitive funding. The following chart details how **Scholastic Reading Inventory (SRI)** helps meet 12 of these required components.


Required Ed Eech Components	Scholastic Reading Inventory
<p>1. <u>Strategies for improving academic achievement and teacher effectiveness:</u> A description of how the applicant will use <i>Ed Tech</i> funds to improve the academic achievement, including technology literacy, of all students attending schools served by the LEA and to improve the capacity of all teachers in schools served by the LEA to integrate technology effectively into curriculum and instruction.</p>	<p>Scholastic Reading Inventory is a computer-adaptive assessment designed to measure how well readers in grades 1-12 read literature and expository texts of varying difficulties. SRI measures reading comprehension by focusing on skills readers use when studying written materials sampled from various content areas. These comprehension skills are required in order to answer SRI questions correctly:</p> <ul style="list-style-type: none"> ▪ Identifying details in a passage ▪ Identifying cause-and-effect relationships and the sequence of events ▪ Drawing conclusions ▪ Making comparisons and generalizations <p>All SRI test questions are based on authentic text passages, both fiction and nonfiction, increasing test validity as well as student interest and motivation. The test is quick to take and the difficulty of each test question is based on a student's previous responses.</p> <p>This assessment instrument is used as a screening/progress monitoring tool to place students at the best level in the school's reading program so they can read with success. SRI can be used throughout the school year to help teachers monitor student progress. SRI also generates reading achievement reports that help teachers differentiate instruction.</p> <p>SRI supports the development of three of the essential elements of reading:</p> <ul style="list-style-type: none"> ▪ Fluency ▪ Comprehension ▪ Vocabulary <p>SRI provides students with customized reading lists based on their reading level and interests so that they are motivated to read and can develop these skills.</p>


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<p>2. <u>Goals:</u> A description of the applicant’s specific goals, aligned with challenging state standards, for using advanced technology to improve student academic achievement.</p>	<p>Scholastic Reading Inventory supports district goals for improving reading achievement and helping students meet challenging state standards.</p> <ul style="list-style-type: none"> ▪ Assessment results can be used to individualize instruction. ▪ Students are matched with books at their reading level, which encourages them to read independently. ▪ Students practice fluency, vocabulary, and comprehension strategies by reading books from their SRI reading list. ▪ The <i>Educator’s Guide</i> summarizes test-taking skills that teachers can share with students. ▪ The computerized assessment gives students valuable test-taking practice.
<p>3. <u>Steps to increase accessibility:</u> A description of the steps the applicant will take to ensure that all students and teachers have increased access to technology.</p>	<p>SRI ensures that students and teachers will be able to successfully use the technology because of the following features:</p> <ul style="list-style-type: none"> ▪ The test is quick and easy to administer. ▪ The test is easy to take, because it self-adjusts in response to a student’s previous response. ▪ No prior knowledge is required before assessment. ▪ Using the keyboard to respond to questions helps students with fine motor difficulties to complete the test. ▪ The computerized format motivates all students, including those with attention deficits, to keep their focus on testing. ▪ A Spanish print version of SRI is available for use with students receiving instruction or maintaining reading comprehension in their primary language. ▪ Individualized reading lists allow students of differing interests to choose books that they will enjoy reading. ▪ <i>Auto-Alerts</i> help teachers identify struggling students for intervention instruction. ▪ Teachers are able to adjust SRI settings to have instructions read aloud and to increase text size of questions.


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<p>4. <u>Promotion of curricula and teaching strategies that integrate technology:</u> A description of how the applicant will identify and promote curricula and teaching strategies that integrate technology effectively into curricula and instruction, based on a review of relevant research and leading to improvements in student academic achievement.</p>	<p>SRI's computer-adaptive software effectively integrates into the reading curriculum by matching students to text so that they can read successfully. Teachers use SRI to differentiate instruction for student needs based on SRI test results, which give each student's performance standard, percentile rank, normal curve equivalent, stanine, grade level standard, and Lexile® level.</p> <p>The Lexile Framework® for Reading, developed by MetaMetrics, Inc., is the result of nearly two decades of research by measurement and testing scientists at Duke University, the University of Chicago, Stanford University, and the University of North Carolina-Chapel Hill. Through a series of grants from the National Institute of Child Health and Human Development, the team successfully tested the Lexile Framework with over 500,000 students.</p> <p>SRI has been the subject of four scientific validation studies. The SRI research ranges from a norming study with a sample of 512,224 students to an analysis of gender, race, and ethnic differences among 19,000 fourth through ninth grade students. High correlations with many standardized tests, such as the Stanford Achievement Test and the North Carolina End-of-Grade Tests of Reading Comprehension, strongly validate SRI as a measure of reading comprehension. (A <i>Technical Guide</i> for SRI that contains full details on the validation studies can be requested.)</p>
<p>5. <u>Professional development:</u> A description of how the applicant will provide ongoing, sustained professional development for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center.</p>	<p>Scholastic Reading Inventory offers educators a variety of professional development solutions:</p> <ul style="list-style-type: none"> ▪ <i>On-site, Hands-on Software Training.</i> Educators learn how to manage and assess student reading using the <i>Scholastic Management Suite</i>, customize settings, and examine reports that help them monitor reading growth. ▪ <i>Scholastic Red.</i> Provides facilitated online and in-person courses that help teachers apply scientifically based reading research to improve teaching and learning. <p><i>(Please contact a Scholastic representative for more information about these professional development opportunities.)</i></p>

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<p>6. <u>Technology type and costs:</u> A description of the type and costs of technology to be acquired with education technology funds, including provisions for interoperability of components.</p>	<p>Teachers use SRI with a Macintosh® or PC Windows® platform. The following specifications are the minimum requirements to operate the program for local, stand-alone installations. Please contact a Scholastic representative for <i>recommended</i> system requirements.</p> <p>Macintosh:</p> <ul style="list-style-type: none"> ▪ PowerPC 200 MHz or higher ▪ Mac OS 8.6 or higher (including Mac OS X in Classic Mode) ▪ 120 MB disk space ▪ 64 MB RAM <p>Windows:</p> <ul style="list-style-type: none"> ▪ Pentium II 266 MHz or higher ▪ Windows 95 or higher ▪ 120 MB disk space ▪ 64 MB RAM ▪ 10/100 Base-T Ethernet Card <p>The network version of SRI requires</p> <ul style="list-style-type: none"> ▪ Macintosh server: Mac OS 9.2 with AppleShare IP 6.3 or Mac OS X v. 10.2 server; PowerPC 200 MHz or higher (Peer-to- peer networking requires Mac OS 9 on server) ▪ Windows server: NT 4.0, Windows 2000, or Windows XT; Pentium-II 400 MHz or higher processor ▪ 128 MB RAM ▪ 360 MB disk space ▪ 10 Base-T Ethernet Card <p>Macintosh workstation specifications are the same as the local installation except for the following:</p> <ul style="list-style-type: none"> ▪ 25 MB disk space (teacher workstation) ▪ 25 MB disk space (student workstation) ▪ 50 MB (shared workstation) ▪ CD ROM optional <p>Windows workstation specifications are the same as the local installation except for the following:</p> <ul style="list-style-type: none"> ▪ 15 MB disk space (teacher workstation) ▪ 20 MB disk space (student workstation) ▪ 30 MB (shared workstation) ▪ CD ROM optional <p>Peripherals: 2x CD-ROM drive, 640x480 monitor with 256 color display, keyboard, mouse, printer (recommended)</p> <p style="text-align: right;"><i>(continued)</i></p>

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<p>Technology type and costs, Continued</p>	<p>Packages SRI's school-wide license comes with software for network installation, a testing license for 200 students, one-year toll-free telephone technical support, <i>Educator's Guide</i>, <i>Technical Guide</i>, <i>Installation Guide</i>, a Lexile Leveling Reading Map, and Quick Reference Card. The single computer version for stand-alone installation has a license for 40 students. Expansion plans in 50-student increments are available for either stand-alone or network licenses. <i>(Please contact a Scholastic representative to discuss a customized plan and associated costs.)</i></p>
<p>7. <u>Coordination with other resources:</u> A description of how the applicant will coordinate activities funded through the education technology program with technology-related activities supported with funds from other sources.</p>	<p>Scholastic Reading Inventory can be integrated with specific technology-related school activities using <i>Ed Tech</i> funds and money from state, local, foundation, and other sources. The federal funding programs for which SRI meets selected criteria include:</p> <ul style="list-style-type: none"> ▪ Title I, Part A – Improving Basic Programs ▪ Title I, Part B-1 – Reading First ▪ Title IV, Part B – 21st Century Community Learning Centers ▪ Title V, Part A – Innovative Programs
<p>8. <u>Integration of technology with curricula and instruction:</u> A description of how the applicant will integrate technology (including software and electronically delivered learning materials) into curricula and instruction, and a timeline for this integration.</p>	<p>Throughout the year, teachers using SRI have many evaluation and teaching opportunities.</p> <p><u>Fall term activities:</u></p> <ul style="list-style-type: none"> ▪ Introduce students to SRI, take a practice test with students, and teach test-taking strategies ▪ Administer the test to all students ▪ Review the <i>Reading Performance Summary</i> to see individual test scores and how the scores are distributed within a class ▪ Use <i>Auto-Alerts</i> and the <i>Intervention Grouping Report</i> to identify students that might require intervention and additional instructional support. ▪ Use the <i>Student Action Reports</i> and <i>Targeted Reading Reports</i> to help differentiate instruction and place students in reading groups according to their Lexile measures ▪ Select several books to reflect each group's measure and the topics being taught in the curriculum, and ask students to read a book and prepare a presentation ▪ Strengthen the school library by sharing the computer-generated <i>Recommended Reading Lists</i> with librarians ▪ Ask school librarians to help students select appropriately-leveled books ▪ Print the personalized <i>Home-to-School Letter</i> to share test results with parents and guardians ▪ Assess students informally by observing them as they read, conferring with them about their progress, and using written and oral work <p style="text-align: right;"><i>(continued)</i></p>

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<p>Integration of technology with curricula and instruction, Continued</p>	<p><u>Spring term activities:</u></p> <ul style="list-style-type: none"> ▪ Administer the test to all students ▪ Review the computer-generated <i>Student Progress Reports</i> and <i>Growth Reports</i> to monitor student progress on SRI tests. ▪ Print the <i>Student Test Printout Report</i> to evaluate students' answers ▪ Use <i>Book Expert</i> to select books in students' Lexile reading ranges that correspond to the cross-curricular units being studied ▪ At the end of the year, administer the test to all students ▪ Print the <i>Student Yearly Progress Indicator</i> report, which compares the student's SRI reading performance over time against the grade-level proficiency range. ▪ Show administrators the <i>Proficiency Report</i>, which compares the performance standards of a group or class against those of all students in the grade and school. ▪ Send the <i>School-to-Home Letter</i> to share student test results and a summer student <i>Recommended Reading List</i> to encourage reading at home
<p>9. <u>Innovative delivery strategies:</u> A description of how the applicant will encourage the development and use of innovative strategies for the delivery of specialized or rigorous courses and curricula through the use of technology, including distance-learning technologies, particularly in areas that would not otherwise have access to such courses or curricula due to geographical distances or insufficient resources.</p>	<p>Scholastic Reading Inventory is an innovative and effective way to assess student reading levels and promote increased reading achievement.</p> <ul style="list-style-type: none"> ▪ Students take a valid and reliable computerized test that self-adjusts based on their previous answers. ▪ Students are encouraged to read because they are matched to appropriately challenging text. ▪ Teachers generate individual reading lists for students based on their interests and measured reading level. ▪ Teachers use test results to differentiate instruction. ▪ Customized reports monitor student reading growth over time. ▪ The <i>Management Suite</i> makes it easy to access and use student information. ▪ Students receive a list of leveled books in their areas of interest.
<p>10. <u>Parental involvement:</u> A description of how the applicant will use technology effectively to promote parental involvement and increase communication with parents, including a description of how parents will be informed of the technology used.</p>	<p>SRI provides effective means for involving parents in their children's reading program.</p> <ul style="list-style-type: none"> ▪ A <i>School-to-Home Letter</i>, available in Spanish and English, describes the program, provides test results, and gives suggestions on how to support the child's reading development. ▪ Test results and progress reports can be shared with parents during conference times or sent home. ▪ Parents can support reading at home by reading aloud the leveled books students choose from their SRI-generated <i>Recommended Reading List</i>.

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<p>12. <u>Accountability measures:</u> A description of the process and accountability measures that the applicant will use to evaluate the extent to which activities funded under the program are effective in integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to reach challenging state academic standards.</p>	<p>In an SRI assessment, students read on-screen authentic fiction and nonfiction passages from high-quality trade books and informational materials. They then answer questions about the text. The computer adapts the test continually according to a student's responses. There are generally about 24 questions per test. When the computer has enough information about the student's reading level, the test stops. This shortens test-taking time and increases testing accuracy.</p> <p>SRI uses the Lexile Framework for Reading, a scientifically valid and accurate system that assesses students' reading comprehension levels and text, placing them on the same scale. Results are criterion- and norm-referenced. Through the Lexile Framework, SRI connects to frequently used standardized tests, such as the SAT-9, SAT-10, the Terra Nova, and the North Carolina End-of-Grade Tests of Reading Comprehension.</p> <p>SRI provides valuable evaluation data. Teachers easily use the assessment instrument to generate 15 reports on class and individual reading performance and learning gains. Reports list the student's native Lexile measure, percentile rank, normal curve equivalent, grade-level standard, and stanine. SRI gives educators data export tools to disaggregate data by gender, ethnicity, and other categories.</p> <p>Because teachers administer SRI testing throughout the school year to monitor student progress, results can be used to differentiate instruction based on student needs. Students are matched to appropriate reading materials according to their Lexile levels so that they can read successfully. Instructional planning and <i>Alert</i> reports tell teachers when a student may require intervention.</p>

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<p>13. <u>Supporting resources:</u> A description of the supporting resources, such as services, software, other electronically delivered learning materials, and print resources, that will be acquired to ensure successful and effective uses of technology.</p>	<p>Available SRI resources include technology, print materials, and technical services:</p> <p><u>Technology Resources</u></p> <ul style="list-style-type: none"> ▪ SRI Software for stand-alone or network installation that contains the computer-adaptive assessment instrument and the ability to generate 15 reports ▪ Single computer license for up to 40 students ▪ Network license for up to 200 students ▪ 50-student expansion plan ▪ <i>SRI and the Lexile Framework</i> video ▪ STAR Reading® Trade-up Kit to convert to SRI <p><u>Print Resources</u></p> <ul style="list-style-type: none"> ▪ <i>Educator's Guide</i> that describes how to customize settings, administer the test, generate reports, and use the program to guide instruction ▪ <i>Technical Guide</i>, which summarizes SRI's validity and reliability tests and what SRI measures ▪ <i>Installation Guide</i> ▪ Quick Reference Card ▪ Lexile Library leveled books ▪ <i>The Lexile Framework—An Introduction for Educators</i> ▪ <i>The Lexile Framework—A Guide for Parents</i> ▪ <i>Matching Students to Text: The Targeted Reader</i> ▪ Lexile Map, a quick, informative guide to Lexile Levels ▪ Print version of test in English or Spanish <p><u>Services</u></p> <ul style="list-style-type: none"> ▪ Hands-on, on-site customized software training ▪ Technical support telephone line ▪ Informational web site