Scholastic Reading Inventory™ Enterprise Edition

Aligns to Enhancing Education Through Technology Criteria

The primary goal of the *Enhancing Education through Technology (*Ed Tech) program is to improve student academic achievement through the use of technology in schools. .According to the federal *Guidance on 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*™ helps meet 12 of these requirements.

Required *Ed Tech* Components	🕮 ***Scholastic Reading Inventory™***
1. <u>Strategies for improving academic achievement and teacher effectiveness</u>: A description of how the applicant will use *Ed Tech* 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	*Scholastic Reading Inventory* (SRI) *Enterprise Edition* is a research-based, computer adaptive assessment for Grades K-12 that allows educators to quickly and accurately assess reading comprehension over the course of a student's education to inform instruction and match students to text using the Lexile Framework® for Reading. This assessment is used to set growth goals, monitor progress, forecast performance, and help place students at the best level in a reading program so they will read with success. SRI allows educators to place students, measure reading progress, forecast performance, and differentiate instruction. 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. 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. SRI supports the development of three of the essential elements of reading: ▪ Comprehension ▪ Vocabulary 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.

Required *Ed Tech* Components	🕮 *Scholastic Reading Inventory™*
2. Goals: A description of the applicant's specific goals, aligned with challenging state standards, for using advanced technology to improve student academic achievement	Classroom-level data allows for differentiated instruction. Teachers use SRI data to set growth goals, inform and differentiate instruction, and monitor performance over time. Accurate Lexile measures enable students to be properly placed in appropriate instructional groupings and give teachers the ability to provide reading materials at the appropriate levels to each student. Immediate student data facilitates individualized instruction. Teachers use individual student data to set appropriate growth goals and monitor progress toward those goals over time. Lexile measures allow teachers to match students to text at appropriate levels and challenge them based on their abilities. Ongoing formative assessments provide crucial data so that teachers know what progress their students are making and can plan appropriate instructional strategies.
3. Steps to increase accessibility: A description of the steps the applicant will take to ensure that all students and teachers have increased access to technology	SRI can be administered independently to students in 20 minutes. SRI follows this process: 1. The student selects areas of reading interest. 2. The student spends approximately 20 minutes taking the test. 3. The student receives a personalized reading list based on areas of interest and measured reading ability. 4. Educators have immediate access to over 20 reports that facilitate targeted decision-making at every level. A computer-adaptive algorithm continually adjusts the difficulty of passages based on student responses, allowing SRI to produce highly accurate measures of text comprehension. SRI passages are derived from authentic text, sampled from "real world" media such as best-selling literature, curriculum texts, and familiar periodicals.
4. Promotion of curricula and teaching strategies that integrate technology: 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	SRI focuses on the skills readers use when studying written materials sampled from various content areas. These skills include referring to details in the passage, drawing conclusions, and making comparisons and generalizations. SRI does not require prior knowledge of ideas outside of the passage, vocabulary taken out of context, or formal logic. SRI is built from authentic passages that are typical of the materials students read both in and out of school. ▪ The "embedded completion" item format used with SRI has been shown to measure the same core reading competency that is measured by norm-referenced, criterion-referenced, and individually administered reading tests. *(Continued)*

Required *Ed Tech* Components	🕮 *Scholastic Reading Inventory™*
Promotion of curricula and teaching strategies that integrate technology Continued	▪ The calibration equation used to calibrate SRI test items is the same equation that is used to measure books and texts. Thus, readers and texts are placed on the same scale. A multi-stage review process was used to ensure conformance with the text sampling and item writing specifications. ▪ SRI uses a Bayesian scoring algorithm, which provides a paradigm for combining prior information with current data, to come up with an estimate of current reading level. This methodology connects each test administration to every other administration and thus produces a highly precise measurement. SRI is designed to measure a reading ability with texts of increasing difficulty. Once this measure is obtained, SRI can be used to set growth goals, monitor progress, inform instruction, and predict state test outcomes. SRI helps to ensure that every student becomes a competent and motivated reader by individualizing their learning experience based on their specific abilities.
5. Professional development: 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	Scholastic offers a full-day SRI Implementation Training for teachers and administrators. This optional training provides tips for administering the classroom-based SRI test and using the data to target instruction and monitor reading progress. Participants will learn how to effectively use SRI, including: ▪ Understanding the Lexile Framework® for Reading and how to use Lexiles in the classroom ▪ Experiencing the SRI software and hands-on practice with the management system ▪ Analyzing report data to plan instruction, match students to books, and monitor progress ▪ Exploring strategies to align SRI to an RTI implementation Scholastic offers a two hours customized online training that covers implementation training for teachers and or administrators.
6. Technology type and costs: A description of the type and costs of technology to be acquired with education technology funds, including provisions for interoperability of components	SRI will run on both MacIntosh and PC platforms. Student Workstations: ▪ Mac OS X v10.3.x ▪ Mac OS X v10.4.x ▪ G3, 600 MHz ▪ G4, 1 GHz ▪ 256 MB Memory ▪ 60 MB Free Disk Space ▪ CD ROM ▪ Windows 2000 ▪ Windows XP Pro ▪ Pentium III ▪ Pentium IV ▪ 256 MB Memory *(Continued)*

Required *Ed Tech* Components	🕮 *Scholastic Reading Inventory™*
Technology type and costs Continued	Teacher Workstation ▪ Mac OS X v10.3.x ▪ Mac OS X v10.4.x ▪ G4, 1 GHz ▪ 512 MB Memory ▪ 60 MB Free Disk Space ▪ CD ROM ▪ Windows 2000 ▪ Windows XP SP2 ▪ Pentium III or IV ▪ 512 MB Memory ▪ 60 MB Free Disk Space ▪ CD ROM Application Server (with up to 50 concurrent users) ▪ Mac OS X Server v10.3.x ▪ Mac OS X Server v10.4.x ▪ G4, 1 GHz ▪ 1024 MB Memory ▪ 5GB Free Disk Space ▪ CD ROM ▪ Internet Access ▪ Windows 2000 Server ▪ Windows 2003 Server ▪ Pentium III, 600 MHz ▪ Pentium IV, 1 GHz ▪ 1024 MB Memory ▪ 5GB Free Disk Space ▪ CD ROM ▪ Internet Access Application Server (with up to 100 concurrent users) ▪ Mac OS X Server v10.3.x ▪ Mac OS X Server v10.4.x ▪ G4, 1 GHz ▪ 2 GB Memory ▪ 5GB Free Disk Space ▪ CD ROM ▪ Internet Access ▪ Windows 2000 Server ▪ Windows 2003 Server ▪ Pentium IV, 1.2 GHz ▪ 2 GB Memory ▪ 5GB Free Disk Space ▪ CD ROM ▪ Internet Access Application Server (with up to 300 concurrent users) ▪ Mac OS X Server v10.3.x ▪ Mac OS X Server v10.4.x ▪ Dual G5, 2 GHz ▪ 2 GB Memory ▪ 5GB Free Disk Space ▪ CD ROM ▪ Internet Access ▪ Windows 2000 Server ▪ Windows 2003 Server ▪ Dual Xeon, 2 GHz ▪ 2 GB Memory ▪ 5GB Free Disk Space ▪ CD ROM ▪ Internet Access Data Aggregation Server ▪ Mac OS X Server v10.3.x ▪ Mac OS X Server v10.4.x ▪ Dual G5, 2 GHz ▪ 2 GB Memory ▪ 1 GB Free Disk Space per School ▪ CD ROM ▪ Internet Access ▪ Windows 2000 Server ▪ Windows 2003 Server ▪ Dual Xeon, 2 GHz ▪ 2 GB Memory ▪ 1 GB Free Disk Space per School ▪ CD ROM ▪ Internet Access
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	*Scholastic Reading Inventory* can be integrated with funds and money from state, local, private, and other sources. The federal funding programs for which it qualifies include: ▪ Title IA—Improving Basic Programs ▪ Title I—Supplemental Educational Programs ▪ Title IID—Enhancing Education through Technology ▪ Title III—English Language Acquisition ▪ 21st Century Community Learning Centers ▪ Enhancing Education through Technology ▪ IDEA, Part B ▪ IDEA, *Response to Intervention*

Required *Ed Tech* Components	🕮 *Scholastic Reading Inventory™*
8. Integration of technology with curricula and instruction: 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	The Lexile Framework® is a research-proven system for measuring students' reading levels and matching readers to text. The Lexile Framework uses a common metric—a Lexile measure—to evaluate both reading ability and text difficulty. By placing both reader and text on the same scale, the Framework allows educators to forecast the level of comprehension a student will experience with a particular text, and to evaluate curriculum needs based on each student's ability to comprehend the materials. A Lexile measure is a number followed by an "L." The Lexile scale typically ranges from 200L to 1700L, although actual Lexile measures can be lower or higher. Students' Lexile measures are the level at which they read with moderate success, or about 75% comprehension. When given books with Lexile measures slightly below their Lexile measure, students are likely to experience greater success; books with higher Lexile measures are likely to be challenging or even frustrating. The Lexile Map is a graphical representation of the way that readers and texts can connect using the Lexile Framework. It lists the typical grades, sample titles, and benchmark text passages that correspond to each Lexile Range. The Lexile Framework was developed by MetaMetrics, an independent education company after fifteen years of research funded by the National Institutes of Health. More than 44,000 books and 40 million articles have a Lexile measure, and most major standardized tests report student reading scores in Lexiles. The Framework has been linked to many national and state norm-referenced assessments, including the SAT-10, SAT-9, SDRT-4, MAT-8, TerraNova Assessment Series, and the Iowa Tests (ITBS and ITED). SRI is the first classroom-based assessment program that directly reports student reading levels using the native Lexile item format. By utilizing the Lexile Framework, SRI provides educators with the unique opportunity to bridge the gap between high-stakes assessment and instruction, and indicates future performance on such tests.
9. Innovative delivery strategies: 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	*Scholastic Reading Inventory* is an innovative and effective way to assess student reading levels and promote increased reading achievement. ▪ 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. *(Continued)*

Required *Ed Tech* Components	🕮 *Scholastic Reading Inventory™*
Innovative delivery strategies Continued	▪ Teachers use test results to differentiate instruction. ▪ Customized reports monitor student reading growth over time. ▪ The *Scholastic Achievement Manager* (SAM) makes it easy to access and use student information. ▪ Students receive a list of leveled books in their areas of interest.
10. Parental involvement: 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	SRI provides effective means for involving parents in their children's reading program. ▪ The Parent Report I, available in English and Spanish, introduces SRI to parents and caregivers, summarizes the results of the student's first testing session, and offers several useful suggestions for how parents can help encourage their child to build fundamental reading skills at home. ▪ The Parent Report II, available in English and Spanish, reintroduces SRI to parents and caregivers, provides them with an overview of their child's progress, and offers further useful suggestions for how parents can help and encourage their child to build fundamental reading skills at home. ▪ The Read for Life Report can be sent home every six to nine weeks to show student Lexile scores from SRI tests in relation to real-world texts of varying types and difficulties. ▪ Parents can support reading at home by reading aloud the leveled books students choose from their SRI generated *Recommended Reading List.*
11. Accountability measures: 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	SRI provides continuous assessment and immediate feedback for teachers, parents, and administrators. The most powerful feature of SRI is its ability to organize and analyze data based on student test results. In a series of reports, SRI provides concrete reliable feedback that is used to differentiate instruction and help all students achieve their goals. These clear, meaningful reports are available immediately and provide actionable data to evaluate progress toward proficiency goals, identify situation that call for intervention, and track reading growth over time. 1. Progress Monitoring Reports let teachers and administrators detect trends in reading growth for individuals, groups, and classes. 2. Instructional Planning Reports help teachers plan targeted data-driven instruction, place students into flexible groups, and assign materials. *(Continued)*

Required *Ed Tech* Components	🕮 *Scholastic Reading Inventory™*
Accountability Measures Continued	3. Management Reports make it easy to administer the program effectively across schools and districts. 4. School-to-Home Letters, available in English and Spanish, include student-specific progress information as well as suggestions to help students at home.
12. Supporting resources: 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	Available SRI resources include technology, print materials, and technical services: Technology Resources ▪ SRI Software network installation that contains the computer-adaptive assessment instrument and the ability to generate 15 reports and 6 school-to-home letters ▪ Network license for 200 students ▪ 50-license expansion plan ▪ STAR Reading® Trade-up Kit to convert to SRI Print Resources ▪ *Educator's Guide* that describes how to customize settings, administer the test, generate reports, and use the program to guide instruction ▪ *Technical Guide* that summarizes SRI's validity and reliability tests and what SRI measures ▪ *Installation Guide*, *available online* ▪ Quick Reference Card ▪ Lexile Library leveled books (additional purchase) ▪ *The Lexile Framework—An Introduction for Educators* ▪ *The Lexile Framework—A Guide for Parents* ▪ *Matching Students to Text: The Targeted Reader* ▪ Lexile Map, a quick, informative guide to Lexile levels ▪ Print version of test in English or Spanish ▪ Alignment Study for Florida ▪ Alignment Study for California ▪ *Accuracy Matters*: A study on targeting ▪ SRI Best Practices Guide Services ▪ Onsite customized software training ▪ Online training ▪ Technical support via telephone ▪ Informational web site at: http://teacher.scholastic.com/products/sri/