

Product Correlation to Funding Source

Funding Source: Title I, Part A

Purpose: To provide all children significant opportunity to receive a fair, equitable, and high-quality education, and to close educational achievement gaps.

Product: Renaissance Star Math[®]

Title I, Part A Requirements	Renaissance Star Math
<p>Provide opportunities for all children to meet the challenging State academic standards</p>	<p>Star Math is a short-cycle, interim reading assessment that provides accurate norm- and criterion-referenced math scores on demand for students up to grade 12, using items aligned to the challenging State academic standards. It is available in Spanish for grades 1–8. The purpose of these interim assessments is to determine students’ abilities in math and prepare them to meet end-of-year proficiency targets.</p> <p>Star Math is a computer-adaptive test, continually adjusting the difficulty of the test based on the student’s grade level, prior performance on Star Math tests, and the student’s responses to previous test items. This process dynamically personalizes each student’s assessment, providing actionable, real-time information about his/her math skills. Because assessment and record-keeping are automated, non-learning time is kept to a minimum.</p>
<p>Identify and implement instructional and other strategies that:</p> <ul style="list-style-type: none"> • strengthen academic programs in the school • increase the amount and quality of learning time 	<p>Star Math strengthens the academic program in the school by monitoring the growth of students toward proficiency targets. In addition to its use for screening and benchmarking 2–4 times during the year, students can be assessed as often as weekly or monthly to measure their progress and help teachers plan appropriate instruction.</p> <p>Star Math assesses hundreds of math skill sets in 32 domains. It identifies what math concepts students already know and which ones they’re ready to learn next along learning progressions aligned to the challenging State academic standards.</p> <p>Star Math increases the amount and quality of learning time since assessment and record-keeping are automated, keeping non-learning time to a minimum. Students typically average less than 20 minutes to complete a Star Math test. The immediate availability of assessment results enables teachers to swiftly respond to students’ needs for differentiated instruction or intervention.</p>

<ul style="list-style-type: none"> • address the needs of all children in the school, but particularly the needs of those at risk of not meeting the challenging State academic standards • provide an enriched and accelerated curriculum 	<p>Star Math helps teachers set progress-monitoring goals tailored to each student—goals that result in challenging but reasonable expectations for that particular student. Using Star Reading data, teachers can identify at-risk students, differentiate instruction, track growth over time, and gain insights into students’ level of mastery of state standards at the domain, standard, skill, and subskill levels.</p> <p>Star Math reports identify prerequisite skills and next instructional steps, allowing teachers to bridge assessment and instruction in ways that enrich and accelerate the curriculum. The Core Progress learning progressions cover grade-by-grade skills in four domains: 1) numbers and operations; 2) algebra; 3) geometry and measurement; and 4) data analysis, statistics, and probability. For each grade level, the Core Progress learning progression identifies specific objectives, focus skills, terminology and concepts, strategies for English learners, and prerequisite and related skills. This tool is supported by instructional resources for teachers’ use.</p>
<p>Provide professional development and other activities for teachers, paraprofessionals, and other school personnel to improve instruction and use of data from academic assessments</p>	<p>Star Math is a powerful tool, but it does not create student achievement gains by itself. It is how teachers use it that makes the State challenging academic standards achievable. Star Math related professional development focuses on best practices and includes Renaissance-U® (self-paced, online assessment course), virtual seminars, custom onsite seminars, and customized implementation and data coaching.</p>
<p>Implement effective parent and family engagement</p>	<p>Informed and involved parents create a continuum between school and home that enhances the learning process and enables parents to be active participants in the schoolwide program plan. Star Math Parent Reports are available in English or Spanish to strengthen the connection between school and home and help parents become actively involved in their children’s mathematics learning.</p>