

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 Accelerated Math®

Title I, Part A Requirements	Renaissance Accelerated Math
<p>Provide opportunities for all children to meet the challenging State academic standards</p>	<p>Accelerated Math facilitates individualized daily math practice from kindergarten through calculus. Students receive math assignments based on grade-level, challenging State academic standards for mathematics by depth. Differentiating practice by depth means that the entire class can work within the Accelerated Math standard, at the right level of depth for each student.</p> <p>Accelerated Math produces personalized practice assignments to be completed online using computers, laptops, or tablets, or with paper and pencil. Accelerated Math automatically scores student work and provides immediate feedback. This process ensures key concepts are mastered before moving forward, supporting the challenging State academic standards related to building a solid math facts foundation to prepare students for higher-level mathematical content and application.</p> <p>Used in conjunction with conceptual curricula, Accelerated Math enhances understanding by providing the strong foundation in computational skills necessary to meet the challenging State academic and local math achievement standards.</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>Accelerated Math strengthens academic programs in the school by providing an effective practice component. Practice is an essential part of learning and is often the difference in mastering a skill or not; practice based on individual needs results in accelerated learning which advances student achievement.</p> <p>Accelerated Math practice can occur during and after school hours. Accelerated Math increases the quality of learning time by creating assignments geared toward the student’s individual challenge level, which is engaging and motivating for students. Each student receives an assignment tailored for the next objective to practice. Reports enable teachers to monitor practice, plan instruction, and identify students who need extra help.</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>Accelerated Math provides an individually tailored approach to learning mathematics for every student, with tools to ensure that students are practicing computation at a level that addresses the balance between math practice and real-world application. Accelerated Math makes it possible for teachers to give students practice tailored to their current skill levels on objectives aligned to the school math curriculum and linked to the challenging State academic standards.</p> <p>Accelerated Math’s content is designed to progress from simple to complex, helping students master the skills necessary to advance to more sophisticated objectives. Accelerated Math content is divided into grade level “libraries” which contain both multiple-choice and free response items. Within the program:</p> <ul style="list-style-type: none"> • The Core Progress Learning Progression identifies the math terminology, concepts, skills, and prerequisites necessary for success in understanding core objectives and attaining math proficiency. • Sample Problems give students the opportunity to show comprehension while using think-aloud strategies during instruction. • Worked Examples give a step-by-step framework for how to solve a sample problem for all objectives in the Grade 3 through Geometry Second Edition Libraries. <p>Teachers have flexibility in how Accelerated Math objectives are ordered and assigned, and whether students see and solve math problems online or use paper and pencil. The computer generates and scores assignments and reports students’ math progress.</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>Accelerated 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. Accelerated Math-related professional development focuses on best practices and includes Renaissance-U® (self-paced, online math and assessment courses), virtual custom onsite seminars, and 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. Renaissance Home Connect allows parents to view details of their children’s completed math work and enables students to access additional math practice at home. Available in English or Spanish, Renaissance Home Connect enables parents (and students) to:</p> <ul style="list-style-type: none"> • Review overall progress (average percent correct on tests, number of objectives mastered, objectives ready to test) • View worked examples • See the objectives included on the last test and the percent of items the student answered correctly • See objectives mastered by the student each week • Access the Math Glossary

- Reprint existing math assignments and exercises