Your child will be using Accelerated Math 2.0 software for math practice and tests. This guide is designed to answer your questions about Accelerated Math 2.0. If you have additional questions, please feel free to contact your child’s teacher or visit the Accelerated Math website at www.renaissance.com/products/accelerated-math.

**What is Accelerated Math 2.0?**

Accelerated Math 2.0 is computer software that helps teachers manage and monitor students’ mathematics practice and mastery. Your child completes a daily, personalized assignment on a specific skill. Your child may work on the assignment on a computer or tablet. A review in the software shows the student which problems the student answered correctly and incorrectly. The teacher uses the student’s scores on a skill to help the student with specific concepts. The software then creates the next assignment, including more practice on the skills the student had trouble with.

Teachers working with Accelerated Math can zero in on specific problem areas for each student. This ensures your child will master those concepts and be successful on future assignments.

With their teacher’s help, students master skills. Best of all, their success makes them realize that math can be fun!

**Because most of the problems in Accelerated Math are multiple-choice, couldn’t my child simply use the process of elimination to get the correct answer?**

Answer choices aren’t random. The incorrect choices for a given problem represent common mistakes for that type of problem. A student who works a problem incorrectly will usually see the incorrect answer and select it. This gives the teacher the opportunity to discuss where the student went wrong.

**Does my child still have to show her work in addition to entering or marking answers?**

Absolutely. Students do their work in a math notebook or on paper assignment sheets. The teacher can then pinpoint any difficulties students have in working a problem.

**How does the school determine my child’s math level?**

Teachers determine your child’s math level in one of three ways: a STAR Math™ test, a grade equivalent score from a standardized test, or using their sound professional judgment based on their knowledge of your child.

**What is a STAR Math test?**

STAR Math is a computerized math assessment that uses computer-adaptive technology. Questions continually adjust to your child’s responses. If the child’s response is correct, the difficulty level is increased. If the child misses a question, the difficulty is reduced. The test uses multiple-choice questions and takes approximately 15 minutes.

**My child is not strong in math. Can he/she still use Accelerated Math?**

Accelerated Math helps all students become better in math, from those with special needs to those who are gifted and talented. When children work practice problems at an appropriate level, they experience success. Furthermore, teachers work with students to assign appropriate work based on each child’s math level.

**Doesn’t using the computer harm the teacher-student connection?**

No. Accelerated Math actually improves the teacher-student connection because it allows teachers to work one-on-one with students when needed. However, Accelerated Math is not a computer instructional program. Though students may enter their answers on a computer or tablet, they work the problems on paper in a math notebook or on a paper assignment. Unlike Integrated Learning Systems (ILS) that use computers for instruction, Accelerated Math uses the computer to do what it does best—create and score students’ work and keep track.
of their daily math practice. As a result, teachers enjoy more personal interaction with students to keep them motivated and excited about learning math.

**My child loves computers. Wouldn’t he do better learning math at the computer?**
Actually, no. There is a large body of research that shows teachers provide better instruction than computers. Accelerated Math puts teachers, not computers, at the center of learning because learning is a social process and human contact motivates achievement—computers do not.

**Are there any results showing the effectiveness of Accelerated Math?**
Yes. A large and growing body of research supports the effectiveness of Accelerated Math in a wide variety of classroom settings. In fact, Accelerated Math has more published research than any other math program.

**What kinds of math problems are available?**
Accelerated Math offers a wide range of math content for Kindergarten through Calculus. Your child’s teacher will select content containing objectives that match his/her students’ current levels.

**How will I know how my child is doing?**
As your child completes each assignment, the child sees a summary of his or her work on a computer or tablet.

If your child’s school has Renaissance Home Connect, you and your child can also open Accelerated Math there and view your child’s response on past assignments. You must first gain access to the program (the address, user name, and password) from the school. Through Renaissance Home Connect, you can then open Accelerated Math 2.0. Once you do so, the student’s scores on past assignments are shown below the current assignments. You can select one to see more detailed information, including the problems and the answers that the student chose. You can only access information about your child. This gives you feedback on your child’s understanding of the problems. It includes overall results.

Your child can also complete current practices from home, but not tests; those may only be completed at school.
When my child brings home Accelerated Math assignments, there aren’t examples of how to work those problems. How can we be sure we’re working the problems correctly?

The software generates problem types assigned by the teacher. For many types of problems, there is more than one way to find a solution. Many teachers provide notes, a textbook, or handouts to show how to complete the assignments.

If your school uses Renaissance Home Connect, you and your child can also see worked examples of problems when you open the software through Renaissance Home Connect and view definitions of terms in the math glossary. Click the Resources tab, then click + next to a skill description to see resources. Resources often include a worked example that shows how to do the type of problem. You can also open the Math Glossary to see what math terms on your student’s practices mean.

What if I have more than one child using Accelerated Math?

If more than one child in your home is using the Accelerated Math 2.0, the information you may see in Renaissance Home Connect is only for the child you choose to view. You must request access to the information for each of your children.

What if I have questions about using Renaissance Home Connect?

After logging in, click Help in the upper right-hand corner or contact your child’s school.

What if my child’s primary language is Spanish?

After logging in to Renaissance Home Connect, click Español in the upper-right corner of the page to see Renaissance Home Connect in Spanish instead of English.