EMPOWER YOUR STUDENTS TO FIND THEIR MATH GENIUS

Imagine a classroom where teachers can work one-on-one with each student. MATHia X multiplies your teaching capacity by doing just that! Here’s how:

• A personalized learning experience for every student, every day
• Interactive widgets and exploratory tools that engage all students to become mathematicians and have fun with math
• Embedded assessment and predictive analytics that ensure students master critical content and process standards
• Content customization that allows you to design your course to meet state standards and align pacing
• A flexible model that works seamlessly with Carnegie Learning worktexts or as a supplemental program
• 25 years of cognitive science, practitioner knowledge, and rigorous research that prove it will work for all students

Built for Chromebooks, iPads, Tablets, Macs and PCs!

Wondering if MATHia X is right for your classroom? We can help.
Call our math ed-tech experts today: 888.851.7094
www.carnegielearning.com/MATHiaX
MATHia X

RICH, ADAPTIVE MATHEMATICS INSTRUCTION
Be confident that every student is getting the exact instruction and practice needed to achieve mastery of critical math concepts and skills.

• 1:1 personalized instruction, assessment, and practice meet the needs of every student.
• Accelerate student mastery of the major content and process standards by providing the right content at exactly the right time.
• Scaffolded support offers the level of guidance needed based on each student’s work.
• Interactive tools drive deep understanding of mathematical concepts and skill mastery.

Interactive Tools
These features help students work through and understand the math so they can achieve skill mastery.

Step-by-Step
demonstrates how a math tool works and guides students through each individual step of a sample problem.

Digital Manipulatives deepen understanding, meet the needs of diverse students, and make learning fun.

Hint helps students progress toward the next step while limiting frustration.

Glossary provides definitions of key terms in English and Spanish.

Skillometer tracks real time skill mastery showing students where they are in the program and where they need to get.

Immediate Feedback leads to more effective learning and enables the student to self-correct.

CUSTOM CURRICULA FOR EVERY STUDENT
MATHia X provides each student with the experience they need to understand mathematics and build their math skills. Lessons and workspaces help students work through the math while the system tracks each step and presents areas where they need more support and practice. Students are guided and tutored within each problem, helping them master the most critical math skills. This process guarantees students really learn the skills needed to fully understand the math.

CONTINUOUS, PRECISE ASSESSMENT
Use every moment of instructional time for meaningful learning and built-in assessment. Limit pull outs for diagnostic summative assessments. Gain real time insight into student progress, areas of weakness, and see growth in action.

• Embedded Assessments track student understanding at the most detailed level and alert teachers to areas of weakness.
• Progress Monitoring tools show student progress at the discrete skill and course level.
• Empowered Students take ownership of their learning with real time insight into what they are learning and what skills they have yet to master.
• Smart, Predictive Reports provide immediate insight into student progress and projected outcomes.

UNPRECEDENTED LEARNING OUTCOMES
Don’t lose instructional time for testing! Embedded assessments and powerful reports provide all the student progress data you need.

66% FINISHED

Trust the research: A gold-standard study including over 18,000 students at 147 middle and high schools in seven states demonstrates the technology and instructional design leveraged in MATHia X can lead to substantial increases in student learning outcomes, as compared to traditional educational practices.

Proven to Almost Double Math Gains
Bars show yearly growth.

Control Students using traditional materials represent typical average growth in 9th grade on standardized tests.

Carnegie Learning Algebra I Students using Carnegie Learning learn nearly twice as much.

Carnegie Learning Algebra I, Higher Completion Students who spent more time in Carnegie Learning Software increased learning an additional 50%!

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