

20+ Years in the Making

Carnegie Learning has been delivering blended, student-centered mathematics instructional materials and teacher-focused professional learning for more than 20 years. In developing the Middle School Math Solution, we were fortunate to have ongoing feedback from our customers and our team that works with teachers each day. This ongoing flow of insight directly from the classroom helped us build a math solution that brings math to life for students and enables teachers to facilitate remarkable learning experiences.

In addition, Carnegie Learning wants to give a shout out to our incredible team of instructional designers, cognitive scientists, researchers, and engineers who think, eat, and breathe math each and every day. The result of their work, the new Carnegie Learning Math Solution, is a one-of-a-kind solution — one that combines the power of collaborative learning supported by printed student materials and individual learning supported by MATHia®, our intelligent coaching software.

[Watch a video](#) about what makes our team so special.

Research-Proven

Everything we do is, and always has been, driven by research. Carnegie Learning was founded through a collaboration between cognitive scientists at Carnegie Mellon University and master math practitioners in the Pittsburgh Public Schools, with the mission of helping students learn algebra. Over the years, this mission has grown beyond algebra, expanding across middle school and high school mathematics.

We continue to work collaboratively with many research universities to push the learning science in math forward, ensuring the students of tomorrow have even more effective math instruction. Carnegie Learning strives to deliver continuous improvement and innovation in all our products and services, from the way math instruction is supported through lessons and workspaces, to the way data is presented to interpret student performance, to how our master practitioners come alongside teams of teachers as they improve their practice. Research guides it all.

For information about our Gold-Standard research and more results, [check out our research page](#).

A Different Brand of Blended Learning

At Carnegie Learning, we think differently about “blended learning,” always from the student’s perspective. Students need to learn in two types of environments: **learning together** and **learning individually**. There are times when students are working together with their peers, discussing the math, building deep conceptual understanding, and developing productive habits of mind and 21st century skills. Students also need to solidify their conceptual understanding individually and gain necessary procedural fluency.

The Middle School Math Solution blends those two experiences through the student text and MATHia. Our pedagogical approach focuses on how students think, learn, and apply new knowledge in mathematics and empowers them to take ownership of their learning.

The MATHia Difference

While no technology could ever replicate the magic an amazing teacher brings to the classroom, MATHia comes much closer than any other platform. **With MATHia, every student gets their own personal math coach.** The difference is in the adaptation within each problem and skill-by-skill guidance that:

- Allows students to master the discrete steps that make up the problem.
- Adapts to student needs as they progress, providing them with point-of-use hints specific to their problem-solving approach and anticipating instead of just reacting. The market’s most robust cognitive science research makes this possible.
- Encourages students to monitor their own success with an ongoing, transparent view of their step-by-step progress — not just one-dimensional results telling them what problems they got right or wrong.
- Provides teachers with detailed information about student performance throughout their learning process, not just how they performed on a test.

We’re all in.

While Carnegie Learning is proud of the instructional materials that we have created, we are most proud of the partnerships we have developed with teachers, schools, and districts across the country. We focus on solutions, not just products, by seeking to understand each unique learning environment and focusing on what will improve math instruction and student results. The master math practitioners on our professional learning team work alongside teachers to empower them to improve their practice and create dynamic cultures of collaborative learning, where all students can be successful.

[Watch a video](#) to see the power of our professional learning in action.