



Welcome to Math Techbook™ for Florida

Bring mathematics to life with this comprehensive, standards-aligned, core resource that engages students in real-world problems while building lasting proficiency.

A young girl with long brown hair and white sunglasses is blowing bubbles. She is holding a yellow bubble wand in her right hand and a yellow bubble wand in her left hand. The background is a warm, golden sunset over a body of water. There are several colorful bubbles floating in the air. A faint, circular diagram with arrows is visible on the left side of the page.

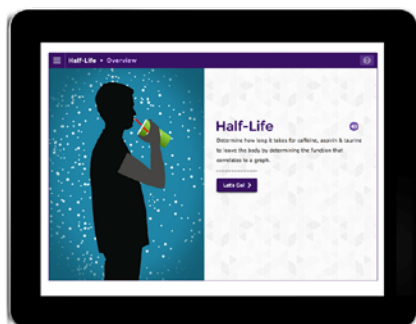
Problems Worth Solving

Discovery Education Math Techbook is a highly engaging, digital math textbook and print companion that connects students to math through real-world problems worth solving. Using a balanced approach to instruction, Math Techbook combines conceptual understanding, procedural fluency, and application to help all students develop a long-lasting mastery of mathematics.

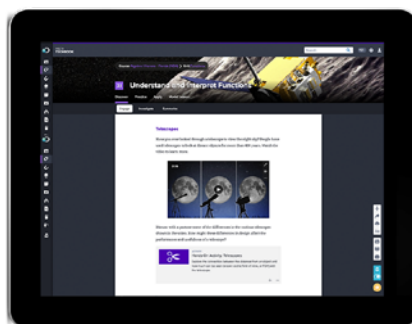
High Quality Digital Content

Discovery Education values High Quality Digital Content (HQDC), specifically developed for diverse student audiences and curated by experts for ease of access. HQDC is essential to improving academic vocabulary, breaking down barriers to learning, providing all students multiple ways to shine, and engaging students in higher-level thinking.

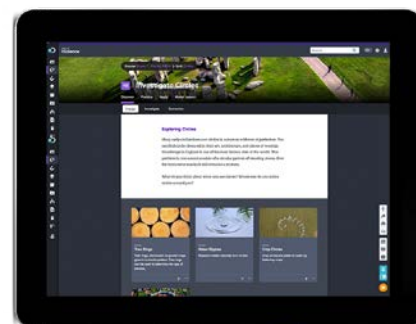
Interactives



Math Tools



Core Interactive Text



Student Engagement

Research shows that engaged students are more likely to achieve. Math Techbook engages students through digital interactives, complex problems with videos, data manipulation with digital tools, game-like activities, problems co-developed with the NBA, and rich relevant text.

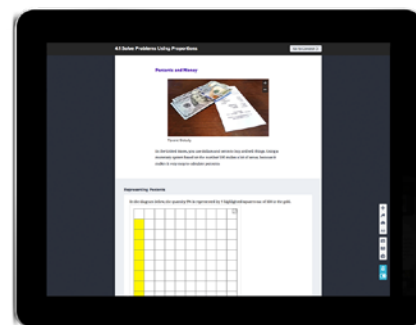
Interactive: Scientific Notation Epidemic



Hands-On Activity: Linear Perspective in Action



Investigation: Money and Percents



Flexible and Balanced Approach to Learning

Designed to meet students and teachers where they are, Math Techbook has the flexibility to help all learners. Math Techbook uses a Discover-Practice-Apply learning cycle that balances conceptual understanding, procedural fluency, and real-world application to help students deeply master mathematical concepts and develop lasting proficiency.

Discover



Practice



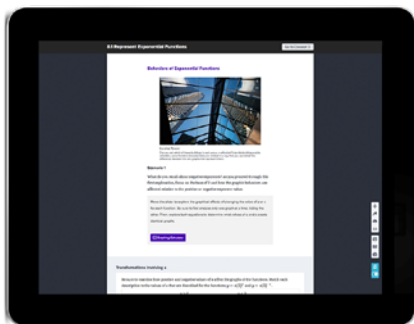
Apply



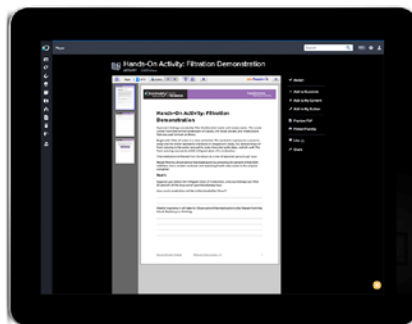
Conceptual Understanding

Math Techbook addresses conceptual understanding through the Discover section. Here, an engaging activity triggers student interest and prior knowledge, then students conduct several investigations to acquire the deep level of understanding needed to develop procedural fluency and application-level problem solving.

Investigations



Hands-On Activities



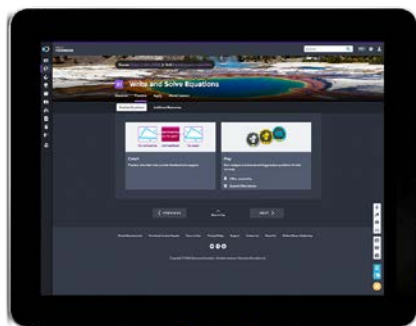
Interactives



Procedural Fluency

Math Techbook's second section, Practice, is designed for procedural fluency. Here, Coach exercises provide guided practice with specific and immediate feedback, and Play exercises provide independent practice.

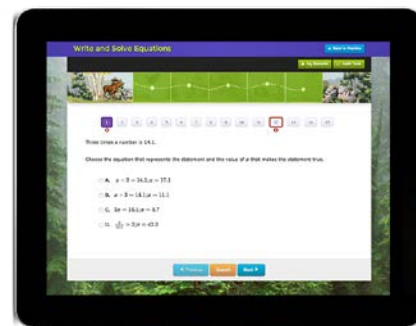
Practice



Coach



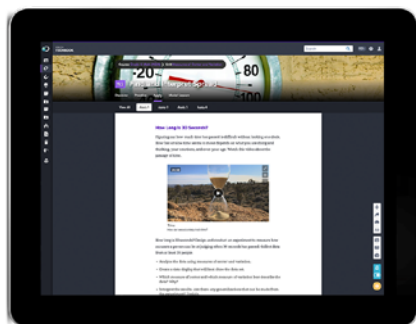
Play



Application

In Math Techbook, the third section, Apply, helps students deepen their understanding of mathematical concepts through application. Here, students combine their mathematical understanding and procedural skills to tackle rich, real-world problems worth solving.

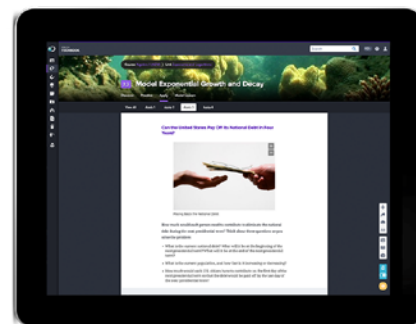
Real-World Contexts



Relevant to Students



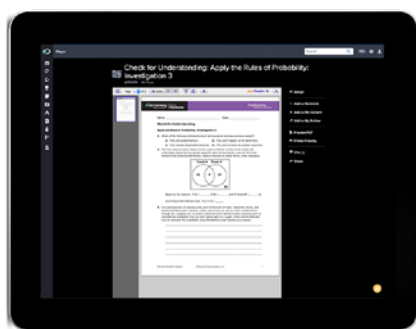
Problems Worth Solving



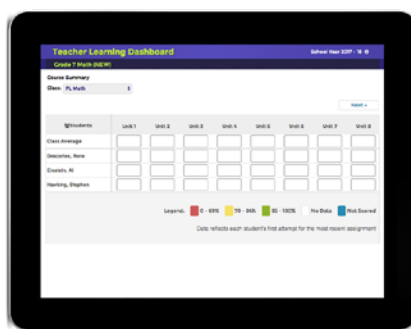
Differentiated Instruction

Math Techbook makes it easy for teachers to differentiate instruction to meet the needs of diverse learners. The newest generation of technology-enhanced items and formative assessments are woven throughout the entire learning cycle and can be used to collect evidence of student progress. The powerful Math Dashboard and Math Assessment Builder can be used to adjust instruction to meet each student's academic needs.

Formative Assessment Tools



Monitor Student Progress



Extend Learning

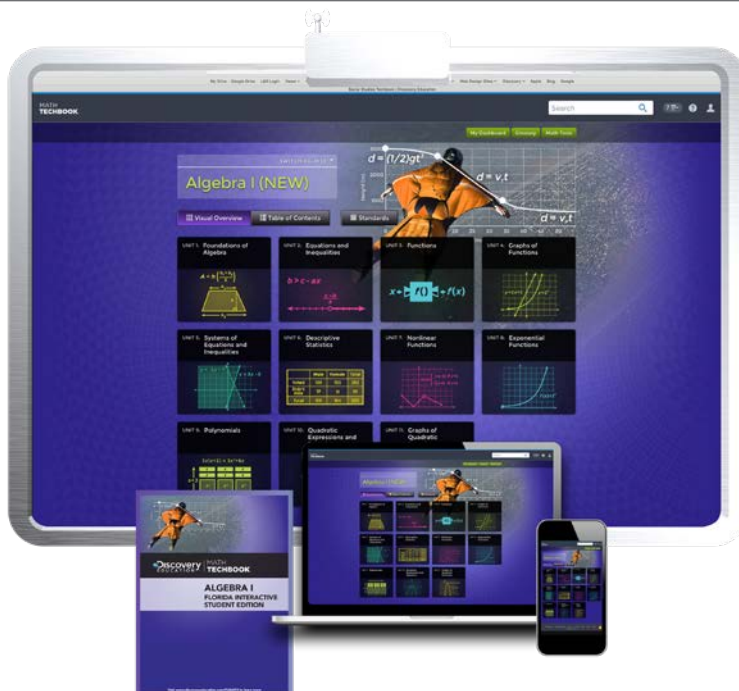


Easy to Use, Anywhere, Anytime

The streamlined, responsive design of Math Techbook provides a consistent experience, accessible from any device, in any instructional setting.

Print Companion

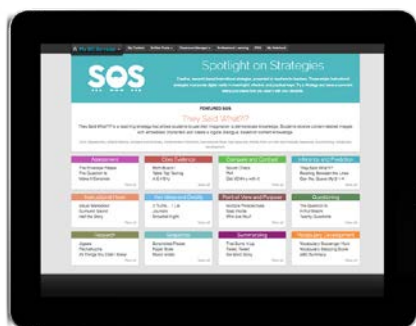
The Interactive Student Edition and corresponding teacher's guide provide a printed resource to accompany Math Techbook and ensure that students in all instructional settings get the most out of their Math Techbook experience.



The Discovery Education Partner Experience

The Discovery Education community is focused on fostering collaboration, connection, and professional development. As a Discovery Education partner, you have access to our global learning community, the Discovery Education Network (DEN). Whatever your role in education, you deserve a supportive learning environment that helps you improve your practice, provides valuable networking opportunities, fosters the sharing of great ideas, and focuses on the joy of teaching and learning. You also have access to the Professional Learning Center, which includes thousands of professional resources, such as instructional strategies, self-paced modules, and step-by-step guides. These practical and effective resources are created by Discovery Education’s digital content experts and teachers within our community.

Instructional Strategies



Community Partnerships



Events and Experiences



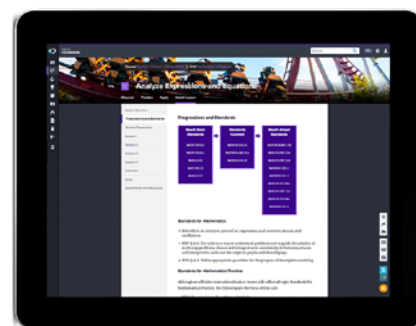
On-Demand Online PD



Interactive Courses



Teacher Guides & Model Lessons





MATH TECHBOOK™

Problems Worth Solving

A breakthrough digital textbook that engages students in real-world problems while building lasting proficiency.

- » Engages students with dynamic content to drive achievement.
- » Balances conceptual understanding, procedural fluency, and application to relevant problems.
- » Provides real-time data to support differentiation.
- » Works in any instructional setting and saves planning time.
- » Independently verified to meet the highest levels of mathematical content and pedagogy by EdReports.org and SpotOn.

“Discovery Education really gets it when it comes to math instruction. Math Techbook is like no other product on the market. It’s got the right balance for teaching conceptual understanding and fluency, and it brings math to life through highly engaging applications.”

– Heather James, *6th Grade Math Teacher, Richmond County Schools, NC*

Available Courses:

- » M/J Grade 6 Mathematics
- » M/J Grade 6 Mathematics with Advanced
- » M/J Grade 7 Mathematics
- » M/J Grade 7 Mathematics with Advanced
- » M/J Grade 8 Pre-Algebra
- » Algebra 1 with Honors
- » Geometry with Honors
- » Algebra 2 with Honors