**Fact Sheet**

**Contact: Elizabeth Hillman**

**Discovery Education Math Techbook** 240-662-2664, elizabeth\_hillman@discovery.com

* Discovery Education Math Techbook is the latest in Discovery Education’s award-winning interactive digital Techbook series. This new educational resource is built from the ground up and is the most comprehensive math resource on the market for educators and students, offering curriculum, instruction, assessment support, hands-on activities, engaging videos and digital tools. This series is cloud-based and platform-neutral, working with whatever hardware a district has – iPad, tablet, mobile device, laptop or desktop.
* Math Techbook is custom built, containing all-new content aligned to state standards and Common Core State Standards. Its instructional sequence – *Discover, Practice, Apply* – aligns directly with the Publishers’ Criteria for Common Core State Standards in Mathematics, which requires a blend of conceptual understanding, procedural fluency and application.
* In *“Discover,”* students are introduced to a new unit through videos created exclusively for Math Techbook that bring the real-world of math into the classroom. They are guided through a series of problems accompanied by engaging videos that build conceptual understanding by requiring students to solve each problem and explain their reasoning.
* Students next move into the *“Practice”* area, in which they pursue additional problems with coaching support, and then move on to practice exercises to demonstrate procedural fluency.
* In the *“Apply”* section of the learning cycle, students apply their knowledge to a real-world problem in which the mathematical concept is key to solving the problem.
* Discovery Education Math Techbook series is available in:
	+ Middle School Math Techbooks (grades 6-8)
	+ High School Math Techbooks for the following subjects: Algebra I, Algebra II and Geometry
	+ Integrated Math (Math I, II and III), an alternative curriculum replacing Algebra 1, Algebra 2 and Geometry
* Math Techbook is organized in a way to support students’ diverse learning styles, allowing for multiple paths to learn content. Multimodal content including text, video, imagery, interactives and hands-on activities support students’ learning while giving them the confidence to learn new concepts and tackle problems.
* Math Techbook embeds formative assessments and technology-enhanced response items throughout the learning cycle that offer teachers and students real-time data and feedback they need to improve teaching and learning.
* Through easy-to-read data dashboards, teachers receive instant, meaningful information about student progress allowing them to immediately adjust classroom practices to meet the needs of all students.
* Through the Student Dashboard, students receive instant feedback to monitor their progress–allowing them to see where they are, where they need to go and how to get there.
* Math Techbook includes exclusive content and curriculum developed by Discovery Education experts, bringing the world of math into classrooms to spark students’ curiosity and enable them to see real-life applications of math. With its videos, photographs, games and embedded digital tools, students will be more engaged in math than they’ve ever been with a traditional, static textbook.
* Math Techbook features built-in digital tools such as a graphing calculator, scientific calculator, personal whiteboards and matrix solver, making it a comprehensive and cost-effective tool for both school districts and parents.
* The development of Math Techbook was informed by an extensive set of field testing as well as Discovery Education’s Math Techbook Advisory Board, a diverse group of distinguished thought leaders including active teachers, K-12 school administrators, and leaders of key national and regional education organizations, providing advice, counsel and feedback to ensure the digital textbook continues to provide educators with relevant resources that positively impact student engagement an achievement.
* To fully support educators in the digital transition, Discovery Education experts provide comprehensive, customized professional development to teachers and administrators to ensure they are knowledgeable and confident when implementing the series in their classrooms.
* The average cost of a traditional textbook is approximately $70/student and the Discovery Education Math Techbook is $45 - $55 per student for a six-year subscription.