

# BIG IDEAS MATH<sup>®</sup>

## A Digital Snapshot

The **Big Ideas Math**<sup>®</sup> program includes a Dynamic Technology package that enhances the industry-leading mathematics curriculum developed by Dr. Ron Larson and Dr. Laurie Boswell. By working with educational technology giants Learnosity, Magic<sup>®</sup> Software, and Desmos<sup>®</sup>, **Big Ideas Math** can offer educators intuitive and state-of-the-art tools to help students effectively learn and master mathematics. This Dynamic Technology package is available exclusively with the **Big Ideas Math** program.

### BIG IDEAS MATH ONLINE LEARNING PLATFORM

From the dynamic student textbook to engaging tutorials, students use electronic manipulatives, flashcards, and games to enhance their learning and understanding of math.

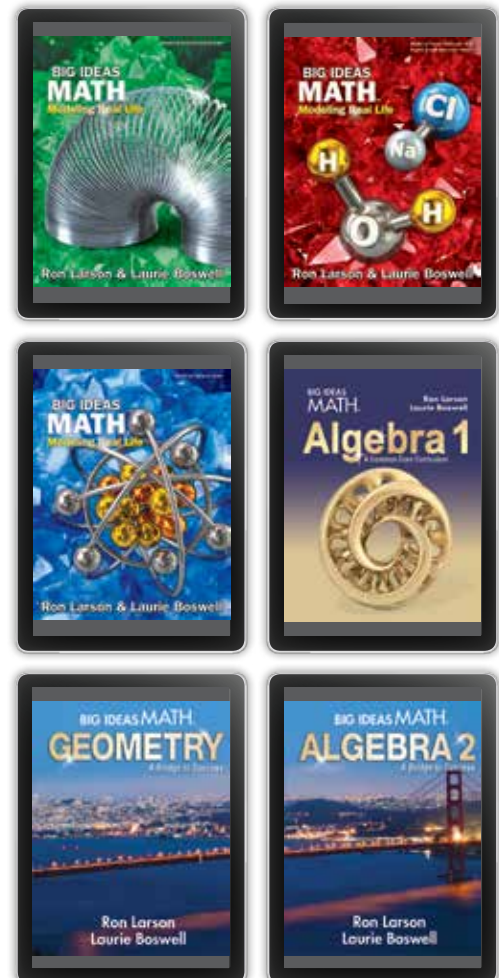
The **Big Ideas Math** program is available digitally to allow schools with any technological setup to use the program's assets in the way that works best for them. The website includes a built-in assessment system, which allows teachers to track and evaluate their students' advancement through the curriculum. This technology provides teachers and students an intuitive and state-of-the-art tool to help students effectively learn mathematics.

### DYNAMIC STUDENT EDITION EBOOK APP

The Dynamic Student Edition eBook app is a complete electronic version of the Student Edition that includes interactive digital resources.




This app allows students to navigate through the book, highlight important information, and add notes or bookmarks. With a data or internet connection, students can access embedded, digital enhancements.

The eBook app is downloadable on tablets (iOS<sup>®</sup> and Android<sup>™</sup>), desktops (PC and Mac<sup>®</sup>), and Chromebooks<sup>™</sup> to allow offline access to the student.



# TECH SPECS AND GUIDELINES

Supported Browser and Operating System Combinations for Online Editions

Device	Big Ideas Math Website	eBook app
 <p><b>Tablets</b></p>	<p><b>iOS 12+</b> Safari®</p> <p><b>Android 9+</b> Google Chrome™ Firefox®</p>	<p><b>iOS 10+*</b></p> <p><b>Android 5+</b> (approx. 17 MB + books 1024 x 768)</p>
 <p><b>Laptop / Desktop</b></p>	<p><b>OS X® 10.13+</b> Safari® Google Chrome™ Firefox®</p> <p><b>Windows® 8</b> Google Chrome™ Firefox®</p> <p><b>Windows® 10</b> Google Chrome™ Firefox® Microsoft Edge®</p>	<p><b>OS X 10.11+</b></p> <p><b>Windows® 8+</b> (approx. 20 MB + books 1024 x 768)</p>
 <p><b>Chromebook™</b></p>	<p><b>Chrome OS</b> Google Chrome™</p> <p>Extensions in the Chrome™ browser may have adverse effects on the browsing experience.</p>	<p><b>Chrome OS 53+</b> (approx. 16 MB + books 1366 x 768)</p>

Big Ideas Learning supports the two latest versions of the browsers listed.

• **Additional Requirements:** Acrobat® Reader®, Adobe Flash® (Required for some components if a browser does not support HTML5 Video and Audio), JavaScript®/pop-ups must be enabled on the browser

• All components of the *Big Ideas Math* online learning platform, including the online chat tutor, are not supported on mobile phones.

\*Clever Badges are supported on iOS 11+.

## IMPLEMENTATION TIPS

Whether you are implementing a BYOD (students bring their own devices to school) or a 1:1 (students use school-provided devices) plan, here are some helpful tips and guidelines to ensure the best user experience. For more information and troubleshooting tips, visit the Help Center on our website.

### Browsers in General

*Always work closely with your IT staff and device provider to resolve any issues!*

1. Implement the Big Ideas Learning whitelist, available in our Help Center.
2. **Big Ideas Math** Online Editions, our online browser-based content, are designed to work on 10" screens or larger for the best user experience.
3. Most issues can be solved with browser configurations:
  - Do not block pop-up windows, as educational content often relies on them.
  - Choose a convenient folder to house what you download while using your browser.
  - Enable JavaScript.

### Android Tablets

As there are numerous types of Android devices and many versions of the Android OS, the quality of user experience may vary based on hardware manufacturer, cellular carrier, or operating system and browser combination in use. For advice on achieving the optimal experience with Big Ideas Learning online content within your device and instructional delivery plans, contact your National Geographic Learning Sales Consultant or Math Engagement Consultants. Samsung GALAXY Tab® capable of running Android 9 or higher and a minimum width of 1024px are recommended.

### A Little Bit About HTML5

HTML5 is the modern standard of web markup languages. HTML5 has a reputation for being highly compatible with most devices, especially tablets. Not all mobile and desktop/laptop browsers support HTML5 equally well. Big Ideas Learning recommends installing the latest version of your current browser to ensure the best viewing experience.

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