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2014

# Discover Math with SketchPad Explorer

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### Repository Citation

Crompton, Helen, "Discover Math with SketchPad Explorer" (2014). *Teaching & Learning Faculty Publications*. 60.  
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### Original Publication Citation

Crompton, H. (2014). Discover math with SketchPad Explorer. *Learning and Leading with Technology*, 40(7), 38.

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## Discover Math with SketchPad Explorer



The makers of Geometer's SketchPad have created SketchPad Explorer for the iPad, an app that allows users to manipulate, animate, and drag mathematical representations to help students understand various math concepts. In addition, SketchPad has workbooks for elementary math (grades 1–6), algebra (grades 7–9), and geometry (grades 9–10).

This app does not have all the tools that are available on the desktop version. However, after downloading it for free, you can go to Sketch Exchange ([sketchexchange.keypress.com](http://sketchexchange.keypress.com)) and download many of the free add-on documents that work with the program. For example, the Measure a Picture add-on allows students to take photographs within the program. Students can then superimpose the measuring tools, such as the dynamic protractor and linear measurement tool, over the photograph to measure real-world artifacts. You can choose the add-ons by searching by topic or grade level.

Platforms: iPad  
Cost: Free



*Helen Crompton is completing her PhD in the use of educational technologies in mathematics at the University of North Carolina at Chapel Hill. She has taught for 16 years in PK–10 in England and the United States and has designed and taught technology programs at the university level.*

Check out other math apps ISTE members recommend for elementary students:



**24 Game:** Make the number 24 using equations for all four numbers appearing on the screen.  
iPad, iPhone, Android; free—\$0.99



**Abacus Calculation and Mental Arithmetic:** Learn math operations using the concept of the abacus.  
iPad, iPhone, Android; free—\$0.99



**Chicken Coop Fractions:** Estimate the decimal equivalent by placing a nest on a number line.  
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**Hands-On Math Hundreds Chart:** Explore, investigate, and discover mathematical concepts.  
iPad; \$1.99



**Geometry4kids:** Understand geometry concepts from clear descriptions, illustrations, and real-life examples.  
iPad, Android; \$0.99—\$1.99



**Math Bingo:** Get five Bingo Bugs in a row by correctly answering math problems.  
iPad, iPhone, Android; free—\$0.99



**MathSpin3:** Spin the dials and solve math problems with timed drills that last 1–10 minutes.  
iPad, iPhone; free



**MotionMath Hungry Fish:** Practice mental addition and subtraction.  
iPad, iPhone; free



**Pick a Path:** Test your skills with powers of 10, negative numbers, fractions, and decimals.  
iPad, iPhone, Android; free



**Slice It Begins:** Slice shapes into pieces that are equal in size.  
iPad, iPhone, Android; free



**Tic Tac Math:** Answer math equations to get tic-tac-toe, three in a row.  
iOS; \$1.99



**Time, Money, and Fractions:** Learn and practice skills related to time, money, and fractions.  
iPad; \$4.99

**Got a favorite app?** Email a description to Diana Fingal at [dfingal@iste.org](mailto:dfingal@iste.org).