

## Digital Mathematics Games and Resources

### Investigations Games

The Investigations curriculum has taken its popular math games and created digital versions so students can play them online. No need for physical materials. Everything is provided on screen in your web browser for each game.

Play the games [here](#).

[En español.](#)

### Math Words and Ideas

Math Words and Ideas provides a clear, interactive review of different concepts. Many include an animation; all include a "Try It" activity.

Learn more [here](#).

[En español.](#)



The Wuzzit Trouble suite of games use fun puzzles to help children gain an understanding of important mathematics - adding and subtracting, factors and multiples - at the same time as they develop number flexibility and problem-solving strategies.

There are currently 4 games available for purchase individually or in bundles from the iTunes and Google Play stores. The original game can also be played for free [here](#).

Learn more [here](#).



Dragonbox has a suite of games that begin with number foundations before moving into an algebra game for students 5 and up and another algebra game for students 12 and up. They also have a game designed to teach the rules that govern geometry. Every puzzle is a geometric proof.

The 4 games are available for purchase on iTunes and Google Play. Some of the games are also available for purchase to use on Mac and Windows computers.

Learn more [here](#).



Kakooma is a **free** game where players select an operation (addition or multiplication) then touch/click on numbers that are the sum/product of two other numbers. This process is repeated throughout the game as addends/factors disappear.



	<p>Learn more <a href="#">here</a>.</p>
	<p>SolveMe Puzzles includes three different puzzle types:</p> <ul style="list-style-type: none"> <li>• Mobiles</li> <li>• Who Am I?</li> <li>• Mystery Grid</li> </ul> <p>This site is entirely <b>free</b> to use. Not only can users solve a variety of puzzles, but they can also use the tools provided to create their own to challenge friends and family.</p> <p>Learn more <a href="#">here</a>.</p>
	<p>Mathbreakers is a game that allows children to explore a 3D world full of toys and machines that allow them to tinker with numbers while reinforcing underlying mathematics concepts.</p> <p>The game is currently available for Mac OS X, Windows, and Linux.</p> <p>Learn more <a href="#">here</a>.</p>
	<p>DreamBox Learning offers over 2,000 adaptive digital math lessons and games available for Kindergarten through grade 8. A highlight of the program are interactive online math tools to help students visualize math concepts as they solve problems.</p> <p>Children can use DreamBox by desktop, laptop, or iPad. Children's progress is synced across devices. You can try DreamBox Learning for free for 14 days. After that, the software is available through a <a href="#">monthly subscription</a>.</p> <p>Learn more <a href="#">here</a>.</p>
	<p>The Math Learning Center has made available a collection of <b>free</b> apps that allow students to explore a variety of math topics in a visual way.</p> <p>The collection of 10 apps can be opened in a web browser <a href="#">here</a>. They can also be downloaded via the Apple, Chrome, and Windows app stores.</p> <p>Learn more <a href="#">here</a>.</p>





The University of Colorado at Boulder has made available a collection of **free** simulations to explore elementary mathematics topics including area, perimeter, multiplication, division, estimation, and fractions.

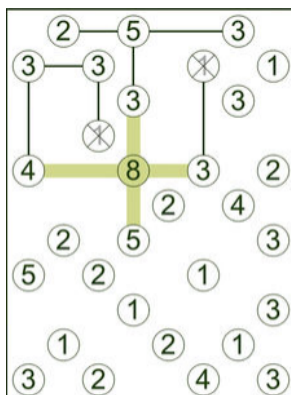
Some of the simulations can be used right from your browser. Others will need to be downloaded to your computer and require Flash or Java to run.

Learn more [here](#).



PBSParents has a collection of resources for parents to help them support their children's math learning. The website includes articles, activities, and online games.

Learn more [here](#).



Hashi are additive bridge-connecting puzzles which were invented in Japan. Using pure logic and requiring no math to solve, these fascinating puzzles offer endless fun and intellectual entertainment to puzzle fans of all skills and ages.

Play for **free** [here](#).

You can also download the puzzles for free on iTunes [here](#) and Google Play [here](#).



Khan Academy provides **free** instructional videos and online practice for mathematics as well as other subjects.

Learn more [here](#).

[En español](#).