

**G Suite for Education**  
**Digital Math Resources for K-12**  
**Featured Math Resources**

Steve Wick ([@rechargeedu](#)) or Melissa Wilson ([@MrsWilson NV](#))



[EquatIO](#)

Easily create mathematical equations, formulas and quizzes. Intuitively type or handwrite, with no tricky math code to learn.



[g\(Math\)](#)

Create graphs and complex math directly from the sidebar in your Google Doc. You can now use Speech to Math in Chrome to talk directly to g(Math) to create the expressions or use Handwriting recognition for expression entry!

You can use LaTeX commands or the prebuilt codes to create complex math that is not possible using the built-in Equation Editor. Some examples include Geometric signs, custom characters, and formulas (like the Quadratic formula).



[GeoGebra](#)

GeoGebra is the world's favorite dynamic mathematics software, has received numerous educational software awards, and supports STEM education and innovations in teaching and learning worldwide.



[Smart amp](#)

SMART amp is a powerful cloud based web application that improves project-based and student-led learning using devices. Add content from a variety of partners, start collaborating from anywhere on any device and measure student success.



[Khan Academy](#)

Over 1 million teachers like you use Khan Academy to empower their classrooms. It saves time for you while meeting the needs of individual students.



[Desmos Graphing Calculator](#)

Explore math with Desmos! Plot functions, create tables, add sliders, animate your graphs, and more.

Be sure to check out the Desmos [Teacher Resources](#)



[DocentEDU](#)

Turn almost any website into an engaging lesson by adding questions, discussions, insight, and more into the text.

Please contact Steve Wick ([@rechargeedu](#)) or Melissa Wilson ([@MrsWilson NV](#)) with any questions or suggestions.

## Math Tutorials & Interactives



[GeoGebra](#)

The world's favorite dynamic mathematics software. Learn. Teach. Share.



[Khan Academy](#)

Over 1 million teachers like you use Khan Academy to empower their classrooms. It saves time for you while meeting the needs of individual students.



[Davitily Math Academy](#)

Davitily Math Academy - a free place to learn and practice math.



[CK-12](#)

CK-12 is an app to help students, and teachers improve K-12 learning globally by providing self-paced learning content & tools.



[Front Row](#)

Common Core-aligned math app for K-8 students, a beautiful dashboard to see progress for teachers.



[BrainPOP Featured Movie](#)

Learn something new every day with BrainPOP's free Featured Movie and quiz.



[FastFig](#)

Math solved for you in an intelligent, beautiful environment. Save solutions and share with anyone in the world, all with FastFig.



[IXL](#)

Engaging, adaptive K-12 math and language arts practice. Comprehensive coverage of over 4,000 K-12 math and language arts skills.



[Splash Math](#)

Practice addition, multiplication, subtraction, division, place value, algebra, money, time etc. Common Core aligned content.



[Pattern Shapes](#)

Students use Pattern Shapes to explore geometry and fractions, creating their own designs, or filling in outlines.



[Number Pieces](#)

Students use the pieces to represent multi-digit numbers, regroup, add, subtract, multiply, and divide.

The [Math Learning Center](#) has great additional apps and extensions.



### [Geoboard](#)

The Geoboard is a tool for exploring a variety of mathematical topics introduced in the elementary and middle grades.



### [Level Up in Math and Science](#)

This is a resource for students who want to level-up their skills to score 90+% on math and science tests at school.

## **Math Games**



### [Hooda Math Games](#)

HoodaMath.com contains over 500 Math Games. All available online for free. No registration required.



### [Prodigy Math Game](#)

Join Prodigy, a free math game for Grades 1 - 8 that's already being used by over 1 million teachers and students.



### [Sudoku Online](#)

Play an infinite number of Sudoku puzzles for free online.



### [Math Games](#)

We're a suite of games and apps that combine a sense of play with learning in a way you've never seen by making math games of exceptional quality and rigorous standards that students actually love playing.



### [Math Mahjong](#)

Finally there is a game that makes learning math skills fun for kids, and it's interesting for adults, too! Begin with Mathjong Basic and learn the fundamentals, and then there are four more levels after that, each more challenging than the last.

## **Math Equations & Notes**



### [EquatIO](#)

Easily create mathematical equations, formulas and quizzes. Intuitively type or handwrite, with no tricky math code to learn.



### [g\(Math\)](#)

Write virtually any mathematical expression directly on your PC or Chromebook's keyboard or touchscreen.

[Quick Equations](#)

No more do you have to worry about missing a bracket or mistyping your equation with the real-time preview.

[MathX Equation Builder](#)

(The extension may no longer be available, but the site still exists to convert an equation to latex)

A simply, elegant, easy-to-use equation editor that does not require coding or clicking.

[Daum Equation Editor](#)

Now, edit the formula quickly and easily expressed in your Chrome browser.

[Formula Editor](#)

Formula Editor lets you to easily type mathematical equations from the sidebar in your Google Doc.

[Math Anywhere](#)

Makes browsing and reading documents with mathematical notation easy! Just click on a integral icon and all MathML & LaTeX formulas on this website would be rendered with MathJax.

[Nimbus Screenshot](#)

Capture Web page, a part of it or the whole browser window, edit screenshots and save the images.

[Screencastify](#)

Screencastify is a simple video screen capture software for Chrome.

[Lightshot](#)

Lightshot is the fastest way to take a customizable screenshot. Simple interface, nothing useless and light weight.

## Graphing, Measurement, & Calculators

[Desmos Graphing Calculator](#)

Explore math with Desmos! Plot functions, create tables, add sliders, animate your graphs, and more.

Be sure to check out the Desmos [Teacher Resources](#)

[Plotly](#)

You can use Plotly for scientific-quality graphing



### [Cloudly Calculator](#)

Inspired by the fantastic calculator built into Google's search engine, Cloudly Calculator handles many of the same kinds of calculations as Google does.



### [MB-Ruler](#)

MB-Ruler is an overlay to measure distances and angles on web sites.



### [Unit Converter](#)

Convert length units, weight, volume, area units like acre and square meters, temperature and time.



### [RoboCompass](#)

Teach Geometry using 3D realistic Straight Edge, Compass, Protractor, Set Square and Pencil



### [Edge](#)

Edge is an on-screen ruler that supports multiple units, horizontal & vertical orientation, and looks like a native application.



### ['FMath Editor' Docs add-on](#)

The Add-on is a professional 'Mathematics Editor' used to build equations and insert the images into documents.

## **Presentation Resources**



### [PlayPosit](#)

Deliver video like you teach! Your free tool to embed rich, dynamic questions into online video and track student understanding.



### [Google Slides](#)

Slides is good for shiny 6-pagers or 600 page snoozefests. Not only does it have everything you need to pull together an awesome presentation, but you'll never have to hit "save" again.



### [PowToon Presentations Edu](#)

PowToon lets you create awesome presentations and animated videos



### [Pear Deck](#)

Interactive presentations and formative assessments to engage every student in your room, every day!



### [Haiku Deck](#)

With Haiku Deck, anyone can create stunning, image-rich slideshows in a fraction of the time required by most presentation software.



[ScreenCastify](#)

ScreenCastify is a simple video screen capture software for Chrome.



[Nearpodize](#)

Turn your Google presentations into Nearpod lessons in just a few steps and instantly engage your students.

### Additional Extensions & Apps



[Graspable Math Sidebar](#)

Turn mathematical expressions on wikipedia or any other web page into dynamic expressions you can interact with!



[Gynzy](#)

A web app that helps you get the most out of your smart board. Includes activities for math, language, science, and much more!



[Wolfram | Alpha](#)

Wolfram | Alpha is the world's definitive source for expert, computable knowledge across thousands of domains. Whatever you want to calculate or know about, get there faster with the Wolfram | Alpha Extension.



[Move It](#)

Busy working on your computer? Spending hours searching the internet? Get active with Move It.



[TickTick](#)

Your wonderful to-do & task list to make all things done and get life well organized.



[Share to Classroom](#)

Get your class on the same (web)page, instantly.

### Google Drive Add-ons & Apps

Google Docs, Google Slides, Google Drawings, and Google Sheets in Google Drive are great collaborative resources that can be enhanced with different Add-ons and Drive Apps.



[Flubaroo](#) (Google Sheets)

Flubaroo helps you quickly grade and analyze online assignments and assessments, as well as email scores to students!



[Super Quiz](#)

Super Quiz adds brilliant functionality and assessment tools to a quiz made with Google Forms.



[g\(Math\)](#)

Create graphs and complex math directly from the sidebar in your Google Doc. You can now use Speech to Math in Chrome to talk directly to g(Math) to create the expressions or use Handwriting recognition for expression entry!



### [Calculator](#)

Sometimes you just want a simple calculator! No more rearranging windows or clicking back and forth, just to do some basic math.



### [Wizkids CAS](#)

Use Wizkids CAS to plot graphs and solve equations with the powerful math tool in your document.



### [Formula Editor](#)

Formula Editor lets you to easily type mathematical equations from the sidebar in your Google Doc.



### [Statistics](#)

Exploratory data analysis and regression modeling for Google spreadsheets.



### ['FMath Editor' Docs add-on](#)

The Add-on is a professional 'Mathematics Editor' used to build equations and insert the images into documents.

## Additional Web Resources

- [Assessment Resources to Support Teaching and Learning](#)
- [Chrome Resources - Productivity and Workflow](#)
- [EdTech Resources - The 4 Cs](#)
- [Recharge Learning - EdTech Resources](#)
- [Recharge Learning - Chromebook 101](#)
- [Recharge Learning - Google 101](#)
- [Explore Learning Gizmos](#)
- [PhET Interactive Simulations](#)
- [TenMarks by Amazon](#)
- [Illustrations Math Interactives](#)
- [Desmos Teacher](#)
- [Math is Fun Website](#)
- [Khan K-12 Math](#)

Please feel free to use and modify this resource to support teaching and learning. All that we ask is that if you make it better, please share your upgrades with us.