

# Technology for Math Teachers (Bits and Bytes for Teens and Teachers)

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## A Resource Manual for Teachers and Administrators

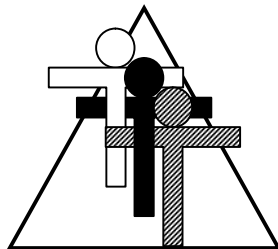
by Bill Lombard

and

Brad Fulton

[bill.lombard@gmail.com](mailto:bill.lombard@gmail.com)

[brad@tttpress.com](mailto:brad@tttpress.com)



Teacher to Teacher Press

PO Box 233 Millville CA 96062

Phone: (530) 547-4687

Fax: (530) 547-4317

# Technology for Math Teachers

## TOPICS

### 1- Website Wonders

Here are websites for math teachers and students

### 2- Microsoft Excel – the Spreadsheet for Teachers

Here are some ideas to utilize Excel into your classroom

### 3- SnagIt: the Screen Capture Tool

A versatile software tool for teacher creativity

### 4- pdf. Files and What to Do with Them

How to deal with pdf. files and make them friendlier

### 5- GeoGebra: Geometry, Algebra, and More!

Experience the ease and power of this Open Source FREE software and come away supercharged and ready for class!

### 6- GeoGebra Quickstart

A ten page "Jump Start" for those eager to get started with GeoGebra

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## **Personal Practice Tech Time**

Use this time to reflect on the material presented, share with your neighbors, and experiment, refine, and implement the new technologies

## Website Wonders – Mr. L's Tools

### GeoGebra

Main site <http://www.geogebra.org/cms/>

Help file <http://www.geogebra.org/help/docuen.pdf>

Online Workbook <http://www.geogebra.org/book/intro-en/>

Workshop Materials

[http://www.geogebra.org/en/wiki/index.php/Workshop\\_materials](http://www.geogebra.org/en/wiki/index.php/Workshop_materials)

### Microsoft Excel

<http://spreadsheets.about.com/>

[http://spreadsheets.about.com/od/spreadsheetslessonplans/Spreadsheet\\_Lesson\\_Plans.htm](http://spreadsheets.about.com/od/spreadsheetslessonplans/Spreadsheet_Lesson_Plans.htm)

<http://spreadsheets.about.com/od/otherspreadsheets/tp/090807-free-spreadsheet-tutorial-hub.htm>

### SnagIt

<http://www.techsmith.com/screen-capture.asp>

### doPDF

<http://www.dopdf.com/>

## Website Wonders – Great Places to Visit and Spend Some Time

### KenKen

<http://www.nytimes.com/ref/crosswords/kenken.html>

<http://kenken.com/>

### Manipula Math with Java

<http://www.ies.co.jp/math/java/>

### NCTM Illuminations

<http://illuminations.nctm.org/>

### Cut the Knot

<http://www.cut-the-knot.org/content.shtml>

### The Game of Set

<http://www.setgame.com/set/index.html>

### Math Lessons that Are Fun!

<http://math.rice.edu/~lanius/Lessons/index.html>

# Snagit

## Product Tour

[Capture](#) anything you see on the screen. [Edit](#) and combine those captures. [Share](#) them via your favorite applications. [Organize](#) and find them again later. The more you use Snagit, the more ways you'll find to use it!



## Capture

### If you can see it, you can snag it

Don't waste time cropping your captures. Snag exactly what you need, with just a click.

**Profiles make it easy.** Snagit comes with eleven preset buttons that make screen capture a cinch! Capture a region of your screen, text from a window, the contents of a tall page that scrolls, all the images on a Web page, you get the idea.



**Custom suits you.** Don't feel limited by the eleven profiles—create your own combinations for nearly unlimited capture possibilities. What's that? You want to set up a keystroke that captures a menu along with the mouse pointer...adds a drop shadow...and sends the image directly to your Wordpress.com blog? Sure, no problem!

### What's New

- ▶ [Product Tour](#)
  - [Capture](#)
  - [Edit](#)
  - [Share](#)
  - [Organize](#)
  - [Features List \(PDF\)](#)
  - [User Stories](#)

### Accessories

- [Free Tutorials](#)
- [Upgrade](#)
- [Free Trial](#)

### Capture a window



Get just the window, not the stuff behind or around it.

### Capture a region



Draw a box on the screen and capture whatever is inside.

### Capture a tall window



Can't fit it on the screen? Snagit auto-scrolls the window and grabs it all!

## An easy way to do PDFs

Adobe Acrobat is the industry standard for creating PDF files. But it comes with a hefty price tag. And most people don't need its features.

There are easier and less expensive ways to create PDF files.

doPDF is a free program that will create PDF files for you. It adds a PDF creator to your list of printers. This means it works in virtually any Windows program.

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advertisement - article continues below

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PDF files are handy because they can be viewed on any computer. The original formatting of the document is retained. It's the best way to share documents electronically!

**Cost:** Free