

## Assistive Technology Training Online

University at Buffalo - The State University of New York  
USDE# H324M980014  
<http://at-training.com>



## SOFTWARE DEMOS FOR MATH

### Work Sheets

Completing worksheets is a typical practice activity used primarily in the classroom and for homework. Software is available that provides for the generation of worksheets in a variety of formats.

#### Access to Math (Mac/Win)

Don Johnston, Inc. (<http://donjohnston.com/catalog/catalog.htm>)

Access to Math is a talking math worksheet program that helps students with organizing, sequencing, working in columns and memorizing math facts. Worksheet generator lets you automatically create on-screen or printed worksheets that support individual learning needs with custom capabilities.

#### MathPad (Mac/Win)

IntelliTools, Inc.; <http://www.intellitools.com/Demo/index.asp>

**MathPad** is a talking electronic worksheet that enables students to do basic arithmetic computation problems, one-at-a-time directly on the computer. **Math Pad Plus** presents fractions and decimal problems. The program is ideal for students who need help organizing or navigating through math problems or who have difficulty doing math with pencil or paper.

#### Math Companion I and II (Mac/Win)

Visions Technology; <http://www.toolsforteachers.com/pages/updates.cfm>

The software program provides a way to create professional looking worksheets in seconds. The teacher selects from a list of 120 K-8 math objectives from

addition, subtraction, multiplication, and division of whole numbers, to fractions, decimals and more. Word problems are available or can be added. Time, money and counting objectives are included in II. The program automatically creates the worksheets from a variety of formats.

### **MathType** (Mac/Win)

Design Science, Inc; <http://www.mathtype.com/dl/>

MathType is a tool that you use with your favorite word processor, presentation program or web page to add mathematical equations for worksheets and reports. It allows your students to do fractions, integrals, exponents and create formulas for symbols and functions. When used with MS Word, a floating toolbar makes editing equations easy.

### **Curricular Software**

For younger children, look for programs that foster discovery and learning. Try to find programs that complement the classroom curriculum with activities that reinforce what is going on in school

### **Algebrator** (Win only)

Soft Math Online Demo: <http://www.softmath.com/index.html>

This math tutor software is specifically designed to provide customized algebra help to students who want to learn basic math skills (covered in Pre algebra and Algebra 1 courses)

### **Number Concepts 1** (Mac/Win)

IntelliTools, Inc.; <http://www.intellitools.com/Demo/index.asp>

Number Concepts 1 helps build a foundation for mathematical thinking for students in grades K-2. Correlated with national math standards, students practice counting in different environmental contexts.

Mac/Win

### **Number Concepts 2 (Mac/Win)**

IntelliTools, Inc.; <http://www.intellitools.com/Demo/index.asp>

Designed for fundamental math skills in grades 3-5, this program provides ways for students to master skip counting, place value, factoring, and use of the hundreds chart. As in #1, it offers customizable features for each student as well as a built-in tracking system monitors students' progress.

Mac/Win

### **IntelliMathics (Mac/Win)**

IntelliTools, Inc; <http://www.intellitools.com/> for a video tour

IntelliMathics provides students with disabilities the opportunity to work with on-screen manipulatives similar to those found in most classrooms. The program offers teachers a powerful tool for customizing manipulative-based activities for individual users. IntelliMathics also comes with many sample activities that are ready for immediate classroom use. Additional templates can be created by the teacher and used by all students collaboratively or on a one-to-one basis.

Students can print their work and save files within their own portfolios.

### **Riverdeep Online Resources**

[http://www.riverdeep.net/products/downloads/free\\_downloads.jhtml](http://www.riverdeep.net/products/downloads/free_downloads.jhtml)

Download the following free programs from this site:

- **Galactic Multiplication & Division (Mac/Win)**

Travel to planet Havarti to trade goods with alien life-forms. Designed for grades preK-2.

- **Little, Middle & Big (Mac/Win)**

Find the shoes that fit three different size creatures and explore the concept of size. Designed for grades 3-6.



## Riverdeep Calculators (Mac/Win)

[http://www.riverdeep.net/for\\_students/calculator/cool\\_calculators.jhtml](http://www.riverdeep.net/for_students/calculator/cool_calculators.jhtml)



### Scientific calculator (grades 6-12)

From Destination MATH, we give you free access to an online scientific calculator! (Mac/Win)



### Calculator collection (grades 3-6)

Solve problems with fractions, number facts, multiplication, and money! See pie chart and grid displays of fractions. Convert fractions to decimals. See money amounts as bills and coins. Try other special functions, too!



### Algebra calculator (grades 7-9)

Study the order of operations and see each step the calculator takes to find the answer. The included Function Machine helps you find the value of a dependent variable, given one or more values of an independent variable.