

Brookstone School  
And  
Columbus Regional Mathematics Collaborative

Presents



**When:** June 1-4, 2010  
9:00 – 4:00 (Lunch on your own)

**Who:** Middle School and High School  
Teachers of Algebra, Geometry, and/or Calculus

**Where:** Brookstone School

**Cost of Workshop:** \$75 (2 PLUs)

**Teacher:** Steve Phelps  
Madeira High School                      Cincinnati, OH

**What:**

GeoGebra is a FREE dynamic mathematics software for Windows and Mac. Intended for all levels of education, GeoGebra joins arithmetic, geometry, algebra and calculus. It offers multiple representations of objects in its graphics, algebra and spreadsheet views that are all dynamically linked.

While other interactive software (e.g. Cabri Geometry, Geometer's Sketchpad) focus on dynamic manipulations of geometrical objects, the idea behind GeoGebra is to connect geometric, algebraic, and numeric representations in an interactive way. You can do constructions with points, vectors, lines, conic sections as well as functions and change them dynamically afterwards. Furthermore, GeoGebra allows you to directly enter and manipulate equations and coordinates. Thus you can easily plot functions, work with sliders to investigate parameters, find symbolic derivatives, and use powerful commands like Root or Sequence. Additional information and downloads are available at <http://www.geogebra.org>. For a full syllabus of the workshop, contact [ichappelle@brookstoneschool.org](mailto:ichappelle@brookstoneschool.org).

**Registration Form**  
**Brookstone/CRMC GeoGebra Workshop**  
**June 1-4, 2010**

**Mr./ Ms.** \_\_\_\_\_

**School:** \_\_\_\_\_

**Address:**

\_\_\_\_\_  
Street City State Zip

**Email Address:** \_\_\_\_\_

**Phone:**

\_\_\_\_\_  
School Home Cell

**I will bring a laptop: Yes No**

Cost of workshop - \$75. Make check out to Brookstone School. Space is limited so registration is on a first come, first served basis.

**Mail application and Check to:** Ms. Pam Shuler  
Brookstone School  
440 Bradley Park Dr.  
Columbus, GA 31904

**Hotel Information:** Reduced rates are available at the following hotel.

Staybridge Suites \$79 per night guaranteed until 5/7/10  
1694 Whittlesey Blvd.  
Columbus, GA 31904 Phone: 706-507-7700

For more information: Butch Chappelle [ichappelle@brookstoneschool.org](mailto:ichappelle@brookstoneschool.org)