



Cornell University
K-12 Education and Outreach, Mathematics Department

MATH 5080

Mathematics for Secondary School Teachers

406 Malott Hall

November 22, 2008

9:00 am – 2:30 pm

8:45-9:00 **Welcome** (juice and bagels provided)

9:00-12:00 **Using Movement to Enhance Students' Mathematical Learning**

Suzanne Kuntz, educational consultant

<http://mathmadefun.com/home.htm>

Children love to move! Learn how to harness their energy and turn it into enthusiasm for acquiring number concept skills, including skip counting, multiplication, division, and finding factors. In this session we will engage in movement activities designed for elementary grades through high school, discuss ways the activities have been modified to accommodate students with special needs, and learn how Suzanne has begun documenting the effectiveness of this approach to learning mathematics.

12:00-12:30 **Lunch** (pizza provided)

12:30-2:15 **Learning (and Teaching) Algebraic Skills Can Be Fun!**

Dani Novak, Ithaca College

<http://www.ithaca.edu/hs/depts/math/facstaff/novak/>

Many students who come to college lack confidence in their algebraic skills—skills that are needed for calculus and other mathematics courses. In this session we will focus on some of these stumbling blocks and together share ways we have found to overcome them and make learning algebraic skills fun for students (and teachers!). The dynamic mathematics software, GeoGebra, which joins together geometry, algebra, and calculus, will be demonstrated.

2:15-2:30 **Wrap Up**

Contact Mary Ann Huntley by Wednesday, November 19th if you plan to attend.

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