This summer, change the lives of underserved students with mathematical talent.

The Summer Program in Mathematical Problem Solving is a free three-week residential summer program for underserved New York City middle school students with talent in mathematics. Run by the Art of Problem Solving Foundation and held at Bard College, we help students grow academically, socially, and emotionally so that they are ready to enter mainstream programs for talented students.

**Summer Faculty Positions**

Instructors lead the program academics and participate in social events and recreation. You will:

- Teach what you love: design your own courses on topics from group theory to digital communications.
- Teach motivated low-income students in classes of 8-13 students, with support from a TA.
- Help students with independent study to fill in gaps in school mathematics.
- Join activities (basketball, Ultimate Frisbee, board games, karaoke, baking, and much more) and field trips (hiking, a water park, and Six Flags).
- Eat meals with students.
- Be a mentor and role model.

**What do you teach?**

Students choose their classes each week. They do seven hours of math per day (and they love it!), choosing a core course each week and a problem solving course (either contest problem solving or general problem solving). Here's what our faculty designed for 2013 core courses:

**Week 1:**
- Logic
- Proofs
- Fractals
- Digital Communications

**Week 2:**
- Number Theory
- Circuit Design
- Sets
- Graph Theory

**Week 3:**
- Combinatorics
- Programming
- Group Theory
- Probability and Statistics

Find job descriptions and applications at:
http://www.artofproblemsolving.org/spmps

Or e-mail for more information at spmps@artofproblemsolving.org.