

*Math Teams Program – San Diego*  
**Art of Problem Solving Foundation**  
www.artofproblemsolving.org

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In every school there are students who have a great love of solving math problems. Just as we encourage a love of athletics with sports teams and a love of music with bands, we need to encourage a love of mathematics with math teams. Moreover, every year American companies have a harder and harder time filling excellent, important math-related jobs because they cannot find qualified candidates. By building math teams we encourage students who have a love of mathematics to continue and expand their studies. Math teams also serve an important social function. Creating a culture that values learning is a large part of a well-designed educational system. Math teams provide eager students with positive peer feedback for excelling in intellectual activities.

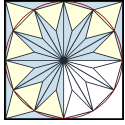
To meet these ends, the Art of Problem Solving Foundation is offering grants to middle school teachers in the San Diego area to build new math teams and math clubs for eager math students. Grants are also available to expand existing math teams/clubs that currently only meet no more frequently than once every three weeks. Grant recipients will receive the following during the 2006-2007 school year:

- \$3200 stipend for the teacher.
- A library of problem solving books.
- An \$800 budget for events, supplies, contest entry fees.
- Guidance in developing a program from experienced problem solving instructors.

Recipients will be required to do the following:

- Build a math team with at least 6 students in grades 6-8.
- Host meetings of their math team for at least 35 hours during the school year, and produce a year-end report of activities.
- Participate in at least 4 weekend math activities, such as the Middle School Math Field Day, MATHCOUNTS, or the San Diego Math Circle. (These activities are not included among the 35 hours above.)
- Attend three dinners during the year for grant recipients.
- Participate in MATHCOUNTS, the Math Olympiads in the Elementary and Middle Schools, and the American Mathematics Competitions AMC 8. (The latter two are contests administered by teachers in their own school.)

The Art of Problem Solving Foundation was created in 2004 to support problem solving activities for eager math students in middle and high school. Its projects include the USA Mathematical Talent Search, a free nationwide high school program funded by the National Security Agency, and a Local Programs Initiative, which helps local math teams and clubs raise funds for their programs. The largest local program the Foundation supports is the San Diego Math Circle, which invites



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students to attend classes, games, and contests at UC San Diego throughout the school year. The San Diego Math Circle is among the largest Math Circles in the country.

For an application or more information about the Math Teams Program – San Diego, contact Richard Rusczyk at (619) 445-0112 or [foundation@artofproblemsolving.org](mailto:foundation@artofproblemsolving.org).