



Academics expanded beyond the classroom when math and physics scholars entered challenges. The Math Team members competed monthly on the first Wednesday from October through March.

"This was a building year," said adviser Martha Turtoro. "We had very dedicated members, but we didn't always compete with a full team because of other academic commitments."

Working against the clock, math students, members of the Fairfield County Math League (FCML), solved problems in arithmetic, trigonometry and algebra. Students faced questions like *Solve for a,b,c if $2a+3b+c=.6$ and $3a+b+3c=2.4$ and $a+2b+2c=.6$.*

Turtoro added, "It was a pleasure to work with these students because they were willing to sacrifice time to participate."

Scott Norton qualified on an individual basis for the American Invitational Mathematics Examination (AIME) and two team members, Murphy and Norton, competed nationally at Penn State in late May as part of the American Regions Math League Connecticut State team.

Physics students participated in the Yale Physics Olympics on October 20, and in that one-day period they solved four problems related to physics by creating different projects. Challenges included building a stock physics fan that would determine when to buy low and sell high for profit. Another project involved building a Ping Pong ball shooter. It accidentally exploded when the judges approached.

Adviser Hans Drenkard said, "We won the Path of Least Resistance event."



"It's mathtastic!"
~Theresa Murphy

ideas inspire

math and physics teams

WORK ORDER

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