

The Mathworks e-Newsletter

Fall 2010

Our Mission

Texas Mathworks is a center for innovation in mathematics education at Texas State University. Our mission is to develop model programs and self-sustaining learning communities that engage students from all backgrounds in doing mathematics at a high level.

Mathworks Faculty

Max Warshauer Terry McCabe Eugene Curtin Don Hazlewood Carol Hazlewood Hiroko Warshauer Alex White Sharon Strickland

Advisory Board

Herb Carter Howard Falkenberg Jeffrey Kodosky Robert G. Rutishauser Jim A. Smith

Support Mathworks Today!

Mathworks is raising the level of mathematics achievement through summer math camps for students, teacher training programs, and research-based development of math curriculum. Join us in our efforts to help all students succeed in mathematics.

Donate online!

Contact Us

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Launch of Mathworks E-Newsletter

Welcome to "Proof Points", the Texas Mathworks enewsletter! We start a new decade at Mathworks, and look ahead to new projects that raise the level of mathematical abilities of all students, and nurtures the creativities of our future leaders.

The Year in Review

The 2009-2010 school year was filled with many exciting events as we continued our work to engage young students of all backgrounds to do mathematics at a high-level. Here are some highlights:

- The <u>Honors Summer Math Camp</u> (HSMC) celebrated 20 years of history! Founded in 1990, the HSMC is now a "national treasure," attracting talented students from across Texas and the U.S.
- In December, a team of three students from the HSMC took first place in the Siemens Competition in Math, Science, & Technology.
- Professor Terry McCabe, Associate Director of Mathworks, was awarded "The Distinguished College or University Teaching of Mathematics in Texas Award" by the Mathematical Association of America in April.
- The Minnie Stevens Piper Foundation recognized Max Warshauer as one of its <u>2010 Piper Professors</u> in May.
- Over 1,300 middle school students piloted the <u>Mathworks school-year curriculum</u>, achieving significant gains in algebra readiness.

For more details of Mathworks activities on this past school year and summer, download the full 2010 Annual Report!

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A member of the Texas State University System

Algebra Readiness & Success



Mathworks prepares students to succeed in algebra, a gatekeeper course to higher mathematics. Research from the National Mathematics Advisory Panel shows that "students who complete

Algebra II are more than twice as likely to graduate from college, compared to students with less mathematical preparation."

However, for many students, just passing Algebra I is a major hurdle. Mathworks model programs are significantly reducing the long term achievement gaps between students of differing socioeconomic groups. To request a publicity brochure about our summer math camps, curriculum project, and teacher training, contact us at (512) 245-3439, or e-mail at mathworks@txstate.edu.

Friends and alumni of Mathworks at Texas State University

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