

$$(a+b)^2 = a^2 + 2ab + b^2$$

Statewide Initiative endorsed
by the Governor's Office

Algebra for All

"Teachers engaged in active sustained learning that strongly impacts student achievement in Algebra I"

Who: MOISD area Algebra 1 and High School Special Education Teachers
(Together with teachers from across northern Michigan)

Where: Wexford Missaukee ISD in Cadillac, Michigan

What: Teachers will learn how to:

- Approach the teaching of algebra from the functions perspective outlined by the mathematics high school content expectations.
- Explore linear, quadratic, exponential, inverse and reciprocal functions in the course.
- Explore the relationships algebraically (with equations), numerically (with tables), graphically and realistically (real-world modeling).
- Expand their repertoire of instructional strategies, including the effective use of graphing calculators and other technology, so they can support the learning of a more diverse population of students.

Format: The program will be based on a blended instructional approach that utilizes both face-to-face and online learning delivery methods.

Cost: **Free!** All materials, lunch and substitute teacher costs covered.

Benefits: Strategies to teach **all** students the Algebra One content expectations, **free technology for your classroom** and ongoing classroom level coaching.

Participant Requirements: Participants must attend all sessions, work with a classroom coach and participate in online networking with teachers across the state.

Questions: Contact Mary Ann Robinson (mrobinson@moisd.org) Phone: 231-592-9622

Eight Sessions

August 28, 2009

September 25, 2009

October 23, 2009

November 20, 2009

December 11, 2009

January 8, 2010

February 5, 2010

March 5, 2010

8:30 a.m.-3:30 p.m.

Hosted by the Wexford-Missaukee-Manistee Math & Science Center in Cadillac Michigan

Made possible with funding from Michigan Department of Education, Michigan Mathematics & Science Centers Network, Michigan Virtual University

Registration: Algebra for All

Name: _____ Grade/Title: _____

District: _____

Email: _____ School Phone: _____

Home Address: _____ City: _____ St: _____ Zip: _____

Home Phone: _____

Registration Deadline June 19, 2009. To Register:

Mail form to: Holly Kage
15760 190th Avenue
Big Rapids, MI 49307

Call Holly Kage at 231-592-9622
or Email Holly: hkage@moisd.org