

High School Algebra for All

Algebra for All is designed to support high school and middle school teachers in their mission to help more students understand and successfully complete Algebra I.

Focusing on Algebra I content, participating secondary teacher teams will explore the new “functions-based” content organization (versus equations-based) that underlies Michigan’s High School Content Expectations, and the instructional strategies needed to address the learning needs of all students. Session activities will include numerous engaging algebra lessons/activities that can be used with students, readings and discussions about effective teaching practices, and experience using technology to enhance learning.

Another integral component of this series will be the opportunity for participants to put into practice their new understanding of HSCE and effective instructional strategies through a series of three modified lessonstudy cycles. The lesson-study component is included to scaffold the transfer of new ideas from the course into the classroom and to foster communication around instructional issues among colleagues.