

**Ingham ISD
Mathematics Implementation Supports
2015-2016**

Universal/Core Implementation Supports

Classroom Teachers

**Math Tier 1 Core support
K-1, 2-5, 6-12
2-4 days**

Participants will align current programs, instructional practices and assessments to the CCSS and state assessments. Specific focus will be dedicated to building professional number sense

**Onsite Curriculum Implementation
(As needed)**

Specialized support to those districts who adopt or pilot new curriculum during the 15-16 school year. The times, dates, and content of these sessions will be specific to each individual district.

**STEM Training and Professional Development
2-3 days**

Build foundation knowledge and skills in the area of STEM, its connection with NGSS, engineering design process, computer coding, and 3-D modeling. Develop an advisory PLC to connect and networking with area teachers, the Michigan STEM partnership, and Bav Hub.

**Mathematics PLC
4-5 days**

The Mathematics Advisory Group will provide participants the opportunity to network with other mathematics professionals. The focus of this group will be research and the application to the classroom

**Research Based Instructional Technology and Math
4-5 Days**

Participants will be introduced to John Hattie's high effect size practices and blended learning tools that can be used to enhance these practices. The webinar will focus on how the tool works and then participants will have the opportunity to come to an open lab session at the ISD where they can work on building activities using the tool to implement in their classrooms.

**Introduction to Standards Based Grading in the Mathematics Classroom.
2 Days**

Participants will be introduced to the philosophy of standards based grading and then will be introduced to ways to slowly implement this philosophy in their classroom. The training will have a balance of learning and application time. It would be best to have a team of teachers attend this training together.

Tier II and Tier III Supports

Classroom Teachers, Interventionist, Itinerant Staff, Coaches

Mathematics Interventions Tier II/III 2 days

Participants will be trained in how to use AIMSweb or Algebra AIMS data to identify student need and match the intervention to student need. Trainings will be provided for various interventions (PALS, Rocket Math, etc.).

Math Workshop 3 Days

This 3-day training is intended for K-5 teachers and coaches interested in implementing a math workshop/guided math model of instruction. Participants will learn how to pre-assess students to CCSS standards and establish flexibly differentiated groups for in-class Tier 2 instruction.

Mathematics PLC 4-5 days

The Mathematics Advisory Group will provide participants the opportunity to network with other mathematics professionals. The focus of this group will be research and the application to the classroom