

Add+VantageMR[®]

INFORMED ASSESSMENT FOR MATH TEACHING

MiSTEM Grant Opportunity for Macomb County Teachers

The Add+VantageMR[®] professional development program is comprised of two courses. It is unique because it has been designed to meet the specific needs of the K-5 and special education classroom teachers.

Add+VantageMR[®] is not a curriculum. Instead, AVMR supports the use of any curriculum package more effectively. Teachers begin by assessing students to identify instructional tasks most appropriate for the advancement of mathematics number concepts.

The Add+VantageMR[®] program provides teachers with efficient and effective assessment tools to recognize their students' current understandings of number concepts, and to support data-driven instruction. Forming **collegial teams is encouraged** during the course to provide for ongoing study. Add+VantageMR[®] teachers analyze and modify instructional tasks to meet the needs of a diverse range of students. This expertise allows teachers to customize any commercial mathematics package specifically for the individual children in their classroom. Add+VantageMR[®] level of assessment and analysis is particularly useful in forming small group instruction within a math classroom.

Target Audience: K-5 Classroom teachers, Special Education teachers, Coaches, Interventionists, Administrators

To be considered for this grant opportunity, apply online at <https://tinyurl.com/MacombMiStemGrant>.

Grant participants attend all dates listed below.

Course 1

February 27, 2018

March 1, 2018

March 9, 2018

March 14, 2018

May 24, 2018

Course 2

June 25, 2018

June 26, 2018

June 27, 2018

June 28, 2018

August 20, 2018

COST:

Free to selected grant participants.
Substitute reimbursement available.
\$100/day stipend available for summer dates.

LOCATION/Time:

MISD 44001 Garfield, Clinton Twp.
All sessions are from 8:30-3:00.

REGISTRATION:

If notified you are selected to participate in the grant, please register online at misd.net. Call Jan Burnham at 586.228.3519 with registration questions.



CREDIT:

22 SCECH— \$10 SCECH processing fee paid in cash or check made out to the Macomb ISD. (Pending approval)

CONTACT INFORMATION:

Trish Dunn—tdunn@misd.net
Math Recovery[®] Trainer

Math Recovery®'s Add+VantageMR® Course 1 MiSTEM Grant Cohort

(Course Length: 5 days)

Teachers learn about Math Recovery® assessment where the focus is on a continuum of learning in relationship to the *Learning Framework in Number*. Add+VantageMR® then addresses how to analyze the assessments and make instructional decisions that are appropriate for students' current mathematical understandings. The assessments are diagnostic in that they also aid in identifying areas of need for students.

Content addressed in Add+VantageMR® Course 1 includes:

- Number Words & Numerals
- Structuring Number
- Addition & Subtraction

As part of the course, participants receive:

- *Teaching Number in the Classroom for 4-8 Year-Olds*
- Course handbooks
- Diagnostic assessments on Number Words and Numerals, Structuring Number and Addition & Subtraction
- Exemplary teaching settings

Math Recovery®'s Add+VantageMR® Course 2 MiSTEM Grant

(Course length: 5 days)

This course expands beyond Course 1 into the *Learning Framework in Number* domains of place value and multiplication and division. The place value diagnostic assessment identifies a student's conceptual level for place value along with levels for the underlying skills needed for the complete development of place value understanding. The multiplication and division assessment identifies a student's conceptual level for multiplication and division along with the levels for the underlying skills needed for the complete development of multiplicative understanding. Teachers examine the resulting data from these diagnostic assessments and explore how the data can inform differentiated teaching. Participants will examine select exemplary teaching settings to illustrate the informed approach to teaching.

Content addressed in Add+VantageMR® Course 2 includes:

- Place Value
- Multiplication and Division

As part of the course, participants receive:

- *Developing Number Knowledge: Assessment, Teaching & Intervention with 7-11 Year Olds*
- Course handbooks
- Diagnostic assessments on Multiplication & Division and Place Value
- Exemplary teaching settings



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