



**Math Aggie Improvement
Team
2019-2020**

Strategy #1

Improve proper use of math language

- Goal: All students will become proficient in math.
- The District target established by the state is that at least 60% of students will demonstrate proficiency in math as measured by state assessments.

Research-Based Strategies and Implementation

- The Math AIT reviewed Dansville specific data about math/academic vocabulary provided by researcher Courtenay Morsi from the ISD.
- The Math AIT read and shared out research articles related specifically to math language use in the classroom.
- Vocabulary cards printed for each grade level to be posted in each room during instruction.

Research-Based Strategies and Implementation

- A Do/Don't Math Talk poster was created for teacher use that aligns with the research articles.
- A peer observation schedule was developed so teachers could learn from one another while conducting Spring Math interventions.
- Prioritize the most important 30 math vocabulary words at each grade level.

Data/Impact of this Work/Accomplishments

General Plan for Next Year:

Tweak the teacher Do/Don't poster to make it kid friendly and post it around each classroom.

Continue peer observations during Spring Math.

Strategy #2

Improve parent communication and parent/teacher resources around Spring Math

- Goal: All students will become proficient in math.
- The District target established by the state is that at least 60% of students will demonstrate proficiency in math as measured by state assessments.

Research-Based Strategies and Implementation

- Spring Math parent information guide distributed at parent-teacher conferences.
- Develop an easy to understand quick print of each student's progress in Spring Math.
- Updated a math expectation matrix across grade bands. A useful tool especially for new staff.

Data/Impact of this Work/Accomplishments

General Plan for Next Year:

Continue to focus on the importance of the top 30 math vocabulary words.

Distribute new vocabulary lesson plan materials to all teachers to update vocabulary resource binders.