

**STUDENT AND
STAKEHOLDER FOCUS**

An in-depth analysis of student math achievement data identified the following:

MSA

The following subgroups scored lower than both the All and White subgroups

- Hispanic
 - 12.6 points lower than All
 - 14.0 points lower than White
- SPED
 - 32.8 points lower than All
 - 34.2 points lower than White

Math 6 (enrollment)

The enrollment for Hispanic students (33.3% or 5 out of 15) is significantly lower than all other subgroup categories.

TN/2 (grade 2)

The following subgroups scored lower than both the All and White subgroups:

SPED

- SPED
 - 35 points lower than All
 - 47 points lower than White
- ELL
 - 18 points lower than All
 - 30 points lower than White
- African American
 - 17 points lower than All
 - 29 points lower than White

FACULTY AND STAFF FOCUS

Increase staff capacity in the following areas:

- Using the Voluntary State Curriculum and MCPS curriculum to create high-quality lessons
- Planning and monitoring for interventions and acceleration
- Differentiating math instruction for English language learners and students with disabilities
- Infusing Critical Thinking and Promethean Technology into everyday instruction
- Transitioning to the Online Achievement and Reporting System
- Understanding the growth mindset through book study
- Discussing Diversity, Equity and Closing the Achievement Gap

Evaluate to determine the effectiveness of the staff development by:

- Conducting building walk-throughs
- Retrieving quarterly feedback
- Engaging in collegial conversations, interviews, and focus group sessions with staff
- Analyzing student achievement data

**Cloverly Elementary School
Math**

LEADERSHIP

The Cloverly school community, comprised of parents, staff and school administration, developed the schools' vision, the core values, and the SIP goals. The leadership team, comprised of parents, teachers, specialists, and support staff, meet on a quarterly basis to monitor the implementation of the SIP and to communicate the results. **Vision:** We are dedicated to ensuring success for every student in an inclusive, caring environment. **Core Values:** We are team players who value integrity, compassion, respect, communication, and excellence.

STRATEGIC PLANNING

By June 2010, students at Cloverly Elementary School, **with a focus on Hispanic, Special Education, and FARMS populations**, will demonstrate increased academic achievement and performance in math as measured by:

MSA

- 95% or more of all students will perform proficient to advanced
 - African American, increase from 87.5% to 90% or a 7.5 point increase
 - Hispanic, increase from 76.7% to 95% or a 18.3 point increase
 - White, increase from 90.7% to 95% or a 4.3 point increase
 - FARMS, increase from 86.7% to 95% or a 8.3 point increase
 - LEP, increase from 80.0% to 95% or a 15 point increase
 - Special Education, increase from 56.5% to 95% or a 38.5 point increase

Math 6

- 65% or more of all students in grade 5 will successfully complete Math A

TN/2

- 90% or more of all students will perform in the 50th percentile or above:
 - African American, increase from 68th percentile to 90th percentile, or a 22 point increase
 - Asian, increase from 82nd percentile to 90th percentile, or a 8 point increase
 - Hispanic, increase from 80th percentile to 90th percentile, or a 10 point increase
 - ELL, increase from 67th percentile to 90th percentile, or a 13 point increase
 - SPED, increase from 50th percentile to 90th percentile, or a 40 point increase
 - FARMS, increase form 85th percentile to 90th percentile, or a 15 point increase

PROCESS MANAGEMENT

- Monitoring students' academic progress through the implementation of teacher data notebooks
- Reviewing Math Action Plan by the Leadership Team
- Facilitating Grade-level Data Chats with teachers and specialists
- Conducting Grade Level Weekly Team Meetings
- Hosting Study Circles on diversity as it relates to student achievement

**ORGANIZATIONAL
PERFORMANCE RESULTS**

Math AMO for 2010: 79.4%

Group	2007	2008	2009
All		92.1	89.3
AA		91.3	87.5
Asian		100.0	97.0
Hispanic		82.1	76.7
White		92.6	90.7
FARMS		72.0	86.7
LEP		92.3	80.0
SPED		75.0	56.5

(See attached demographic breakdown.)

Math 6

Group	Course Enrollment	Successful Completion
All	56	57.7%
AA	8	42.1%
Asian	9	81.8%
Hispanic	5	33.3%
White	34	65.4%

TN/2 Math Data (50th percentile and above)

Group	2008	2009
All	91	85
AA	60	68
Asian	100	82
Hisp.	88	80
White	96	97
ELL	80	67
SPED	40	50
FARMS	91	85

**MEASUREMENT, ANALYSIS, AND KNOWLEDGE
MANAGEMENT**

(formative)

- Report card grades
- Grade level meeting notes on student progress
- Progress reports (interims)
- Grade-level formative assessments (team developed)
- Cloverly Academic Intervention Plan data
- MSA Performance Indicators
- BCR scores
- MCPS math unit assessments (K-5/Math 6)
- Teacher and Students Data Notebooks