

STUDENT AND STAKEHOLDER FOCUS

In 2011, 75.0% of students in grades 3 - 5 scored advanced on the MSA for math. We believe, however, that continued efforts to increase rigor in our instruction will result in more students scoring in the advanced category.

An analysis of our TN/2 data shows that 84.0% of our grade 2 students scored at or above the 50th Normal Curve Equivalent (NCE) in math and 82.0% of the students scored at or above the 50th NCE in math computation. Of these students, 74.0% scored at or above the 70th National Percentile (NP) in math and 70.0% scored at or above the 70th NP in math computation. We believe that increased rigor in our instruction will result in more students scoring at or above the 70th NP on the TN/2 for math and math computation.

FACULTY AND STAFF FOCUS

- Staff will receive ongoing training on increasing students' mathematical proficiency through math discourse and critical thinking (higher level questioning)
- Staff will participate in quarterly professional development days
- Small group instruction
- Scoring and analysis of BCR's
- Integrating 21st Century Technology into math instruction

LEADERSHIP

Vision: The Carderock Springs Elementary School community is committed to everyone:

- feeling safe
- being valued and respected
- finding a love of learning
- being challenged and supported to reach their full potential

The administration, leadership team, and grade level teams will: review and revise the school vision and SIP goals and communicate this information to the Carderock Springs community, monitor progress towards our SIP goals and communicate progress through a variety of methods (staff meetings, grade level team meetings, grade level data chats, principal's newsletter, PTA newsletter, CSES website, PTA meetings, cluster meetings, and Carderocknet), engage in shared decision making and collaborative problem solving to ensure consistent implementation of our SIP.

STRATEGIC PLANNING

MSA:

All students in grades 3 - 5 will score proficient or advanced in math on the MSA, while increasing the number of students scoring advanced by 2.0% (75.0 % to 77.0%)

TN/2:

We will increase by 3.0% (84.0% to 87.0%), the number of students scoring at or above the 50th Normal Curve Equivalent (NCE) on the TN/2 for math and increase percentage of students scoring at or above the 70th NP by 3% (74.0% to 77.0%)

We will increase by 3.0% (82.0% to 85.0%) the number of students scoring at or above the 50th NCE on the TN/2 for math computation and increase the percentage of students scoring at or above the 70th NP on the TN/2 for math computation by 3.0% (70% to 73%)

Process Management

- Identification of "cusp students" basic/proficient and proficient/advanced
- Plan staff development based on SIP goals
- Administer and analyze common grade level BCR's on a quarterly basis
- Professional development days
- Quarterly grade level data chats and weekly team planning meetings to analyze and discuss formative and summative math data and adjust instruction
- Common math block for Grades 2 – 5 that includes cross grade level classes in order to meet the needs of all students
- Enrichment, acceleration, and re-teaching will take place at all grade levels

Performance Results

Please see attached data

MEASUREMENT, ANALYSIS, AND KNOWLEDGE MANAGEMENT

End of unit math assessments (above grade level objectives mastered)
Math report card grades (problem solving/application/computation)
BCR's (What constitutes an advanced response?)
Informal and formal observations
Staff will evaluate training and its impact on instruction at staff meetings, team meetings, and team leader meetings.