

## SEWARD MONTESSORI AND MIDDLE SCHOOL 2013-2014 SIP at a GLANCE

1. Increase the number of students who meet or exceed the standards in math from 50% to 54%

*Intentional focus on the following strands: K-3: number and operation strand; 4<sup>th</sup> grade: statistics & probability; 5<sup>th</sup> grade: geometry, spatial awareness, patterns, functions of algebra; 6<sup>th</sup> grade geometry, spatial awareness, patterns, functions of algebra; 7<sup>th</sup> grade: geometry, spatial awareness, patterns, functions of algebra; 8<sup>th</sup> grade number sense, statistics and probability*

2. Increase the number of students who meet or exceed the standards in reading from 52.3% to 57%

*Intentional focus on the following: increase reading stamina, focus on non-fiction text, comprehension strategy focus and shifting to meet Common Core State Standards*

3. Increase the number of students who meet or exceed the science standards  
5<sup>th</sup> grade from 50% - 54%  
8<sup>th</sup> grade from 46.7% to 52.7%

4. Reduce suspensions and behavior referrals by 10% from 102 to 90

*Intentional focus on conflict resolution*

### Action Steps:

- PLC meetings that focus on student achievement through the use of formative assessments - first two action cycles are focused on math (K-5)
- Use of data to inform instruction
- Middle School - Focused Instruction and content focused PLC work
- EL - co-teaching, new comers class, curriculum, EL groups based on WIDA scores, Evidence Project quarterly assessment; Kindergarten focus on Language Domain

### Action Steps for improved achievement in math:

- 1) 1<sup>st</sup> - 8<sup>th</sup> grade students will memorize their math facts - as assessed by a 2-minute timed fact check in the fall 10/01, winter 01/31 and spring 05/09
- 2) K-5 Montessori math aligned w/standards and MCA math test
- 3) Review math data on a regular basis
- 4) Use a variety of common formative assessments. Teachers will revise/refine lessons based on student work
- 5) 6-8 grade students will have a math focus in advisory one day per week.
- 6) 6-8 grade students take district math benchmarks as a summative assessment

### Action Steps for improved achievement in literacy:

- 1) Review data on a regular basis: Fountas & Pinnell, WTW, conferring with students, district assessments, MAP, MCAs.
- 2) Implement balanced literacy using Good Habits, Great Readers to improve vocabulary and comprehension skills (K-5)
- 3) In addition to DL, use AVID Reading and Writing strategies to improve vocabulary development and comprehension (6-8)
- 4) Teachers will use Words Their Way to teach vocabulary and spelling patterns.
- 5) Students in 6 - 8th grade who have difficulty with reading will take a Reading Workshop class.
- 6) *Guided reading minimum 3x per week for students in yellow and red, teaching non-fiction text, comprehension strategy focus*

**Action Steps for improved achievement in Science**

1. 6-8<sup>th</sup> grade EL co-teaches science with an emphasis on science vocabulary acquisition
2. Our elementary science teacher pre-teaches science vocabulary and science concepts to students in the yellow and red on the MCA
3. All E2 students participate in Science Writing as a follow up to the science lesson; E1 teachers who have science writing training are also using this strategy

**Action Steps for reducing suspensions and behavior referrals:**

- 1) All classroom teachers will use The Second Step program to teach empathy, problem solving and pro-active social skills; middle school is piloting a new social skill program written by MPS counselors
- 2) All classroom teachers will teach social skills with an emphasis on conflict resolution
- 3) Suspension and behavior data will be examined twice per month to determine success and identify students who may need extra support
- 4) Continued use of Responsive Classroom techniques -- morning meeting, logical consequences, social conferences.
- 5) Implementation of Envoy strategies.
- 6) If a student is removed from class due to behavior, the behavior team works to solve the issue, help the student(s) develop problem solving skills and return the student(s) to class.