

School Improvement Plan Academic Goal Planning

Goal 1: Students will improve math fact fluency, skill fluency, and computation.

Essence of the Goal:

1. Students will know their age appropriate facts to be able to quickly calculate problems in a given time. This skill will be evident through various math standards that require fact fluency and computation.
2. Fact test scores will be monitored weekly.
3. A spiraling review of concepts will be practiced weekly.

Analysis of Data:

Data Sources:

1. ISTEP+
2. NWEA
3. STEEP

Analysis:

Teachers and staff members viewed data and grouped students according to strengths and weaknesses. Overall areas of weaknesses were then targeted as school-wide goals.

Benchmark:

ISTEP+ Scores:

NWEA

STEEP

Computational Fluency Assessments-students will graph progress throughout the year

Effective Interventions:

- Teachers will have students use manipulatives when learning new concepts.
- The school will implement 'Fluency Fridays' where students will be working on fact fluency and computation skills each week.

Activities or strategies: (Bold indicates new strategies)

PreK- Splash Math, Manipulatives; Montessori spindle box, colored beads, blue & red rods, geometric solids, 100s board, sandpaper numbers, counting bears, connecting/unifix cubes, cut out numerals with counters, wooden number tablets, handmade materials, rocks, gems, play dough to use with a number book, and shapes for patterning

Primary- IXL, Math Minutes, SuperSpeed Math, appropriate units in Investigations Math Series, Find Sums iPad App, Connecting cubes, tens frames, math rods, counting manipulatives, flashcards, base ten blocks, 100's chart, number lines, and Fun4thebrain.com,

Intermediate-IXL-Quick Tables, iPad Math Apps (Multiples, Math Drills, Sail Through Math), Investigations Math Series, Flash Card Games (around the world, flash card war, A/B)

Middle School- Connected Math, IXL, Interactivate, number tiles, Math 24, Wrap-ups,

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Illuminations, appropriate iPad Apps, MathTappers, **Power My Learning**, Integer War, Exponent War

Accountability: All administrators, teachers, and assistants will be responsible for implementing the interventions and strategies.

Research:

- Research on multiple intelligences shows that allowing children to work kinesthetically with manipulatives builds knowledge successfully.
- Using facts you know to solve facts you don't know- problem solving (DFS)
<http://www.lplearningcenter.org/wp-content/uploads/2012/01/Mathematics-Winter2010.pdf>

Catholic Identity:

Teachers will include examples related to the target skill of the day that tie into our Catholic Identity through word problems and critically thinking hands-on exploration.

Professional Development:

Teachers will need access to manipulatives as well as fresh ideas to implement.

National Council of Teachers for Mathematics (NCTM)

Professional Learning Communities will learn hands on math techniques from webinars and math chair, Cindy Cavender.

Resources:

Manipulatives: Number tiles, number lines, hundreds charts, base ten blocks, pattern blocks, chip counters, Cuisinnaire rods, and technology and programs to run interventions

Parent Communication: Parents are informed of student's growth by sharing data of NWEA, ISTEP+, and grades with them.

Students will share their computation growth graphs with their parents each quarter.

Timeline: We will begin in Mach 2016 and continue until June 2019. We will review our progress annually and make any changes at that time.

**School Improvement Plan
Academic Goal Planning**

<p>Goal 1: Students will learn the writing process through prewriting strategies, drafting, and self-editing.</p>
<p>Essence of the Goal:</p> <ol style="list-style-type: none">1. Know and understand the related terminology2. Know how to apply it at the appropriate grade level3. Observation and student performance
<p>Analysis of Data:</p> <p>Data Sources:</p> <ol style="list-style-type: none">1. ISTEP+2. NWEA Vocabulary (Looking at conventions and the writing process)3. Pre and Post Prompt Writing (Scored with a standard rubric) <p>Analysis:</p> <p>Teachers and staff members viewed data and grouped students according to strengths and weaknesses. Overall areas of weaknesses were then targeted as school-wide goals.</p>
<p>Benchmark:</p> <p>ISTEP+ Writing Scores NWEA Scores Scored rubrics for pre and post year writing prompt to see growth</p>
<p>Effective Interventions:</p> <p>Introduce 6 traits to all students, including PreK Use the same language school wide *Those students who struggle with these skills will utilize research-based interventions. IXL STEEP</p> <p>Activities or strategies: (Bold indicates new strategies)</p> <p>Pre and post year writing prompts Implement Six Traits of Writing throughout the building Implement faith-based writing prompts school wide (gospel values) Utilize a school wide editing checklist that varies for each grade level</p> <p>Accountability: All teachers and assistants will be responsible for implementing the interventions and strategies.</p>
<p>Research:</p> <p>Six traits is a research based writing program that has shown success at improving student</p>

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writing at every grade level. By using consistent approaches throughout the building, the students will be able to build their writing schema from year to year.
<http://www.smekenseducation.com>

Catholic Identity:

Students will pre-write, write, self-edit, and revise prayers, faith reflections, and responses to curriculum.

Older students will write reactions to current events, including argumentative and persuasive essays related to current Church issues.

Students will analyze Bible passages and write compare/contrast essays, analyze theme, setting, character development, plot mapping, etc.

Professional Development:

Attend professional development to further understand how to use the Smekens program in all grades, including Smekens Webinars

Share, collaborate, and build during Professional Learning Community time

Develop a writing task force of mentor teachers who are familiar with Smekens philosophy and who are available to coach others

Resources:

6+1 Writing Traits

Trait crates

Grade level trait books

Common approach and area to share rubrics

School-wide editing checklist

Parent Communication:

Wolf Report- common faith-based writing theme school-wide

Individual teacher communication with grade level parents

Timeline: We will begin in March 2016 and continue until June 2019. We will review our progress annually and make any changes at that time.

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**School Improvement Plan
Institutional Goal Planning (Nonperformance Goal)**

Goal 1: Saints Francis and Clare will continue to work on the three-year strategic plan.
Data Sources: Data Sources: <ol style="list-style-type: none">1. National Catholic Schools Standards and Benchmarks2. Teacher Survey3. Parent Satisfaction Survey Analysis: Each area of this document (governance and leadership, academic excellence mission and catholic identity operational vitality) was scored by rubric to determine areas of weakness. These benchmarks were the focus for the strategic plan.
Benchmark: Staff, parents, and students will provide positive feedback through surveys and academic performance.
Effective Interventions: School board of directors will implement frequent goal setting. School board of directors visits their timeline and meets monthly to address the progress of the plan. Activities or strategies: School board of directors visits their timeline and meets monthly to address the progress of the plan. Accountability: Administration, staff, and members of the school board will be responsible for implementing the strategic plan.
Research: Staff members participated in an extensive survey near the end of the 2012-2013 school year. Parent feedback and administrator's vision was also considered.
Catholic Identity: The strategic plan will keep our Catholic faith at the forefront of our school. The pillars of our faith will be referred to with all school-wide initiatives.
Resources: The three-year strategic plan will be shared with staff, parents, and parish.
Parent Involvement: Parents will be asked to participate in satisfaction surveys and be informed of the strategic plan.
Timeline: We will begin in March 2016 and continue until June 2019. We will review our