Millburn Middle School

School Improvement Plan 2017-2018
Agenda

• Purpose of School Improvement Plan

• Elements of School Improvement Plan
  – High quality teaching – core and non-core
  – Positive culture and climate
  – Outstanding core academics
  – Science and Technology
Purpose of the SIP

• Outlines targeted areas for improvement
  – Curriculum updates
  – School climate
  – Academics
  – Resources
  – Professional development
• Shadows Strategic Plan and Superintendent goals
• District and building specific initiatives
• Let’s look at the four elements of the SIP
High Quality Teaching

Professional Development
Professional Development

• IQWST – Science
• Schoology – online learning management system to streamline communication and resources
• Aleks – Math resource / intervention
• STAR – using benchmark data to help deliver instruction
• PBIS – emphasis on the positive culture of a school
• Erin’s Law – abuse prevention curriculum
• High School articulation meetings
Positive Culture and Climate

Staff Communication, PBIS Implementation, 2nd Step
Staff Communication

• Daily team meetings
  – One period a day dedicated to communication

• Weekly staff representative meetings
  – Led by volunteer staff member, communication and problem solving focused

• Monthly all staff meeting
  – Whole group, led by the principal, typical business, review of initiatives like PBIS, 2nd Step, Technology
PBIS Implementation

• Aims to enhance positive climate for both teachers and students
• Look at referral data so that we can focus efforts on teaching and learning
• Stresses positive behaviors by acknowledging student and staff for extra effort, improvements, kindness, support, new ideas, etc
• Data collected:
  – SAS Survey – All Staff
  – TFI Survey – PBIS Team
  – School Climate Survey – All Students
  – Action Plan results from this data
Students receiving 0-1 Referral

Historical Data

MMS

- 2013-2014 = 85.7%
- 2014-2015 = 88.6%
- 2015-2016 = 88.2%
- 2016-2017 = 90.6%

PBIS= 80% signals effective
PBIS Program
2\textsuperscript{nd} Step Curriculum

- Aligned to the Social and Emotional Learning standards
  - Decision Making, Conflict, Bullying, Planning Ahead, Growth Mindset, Relationships, Staying Calm)
- New and designed specifically for middle school students
- Digital and easy implementation
- Discussion and activity based
- Embedded extension activities
Outstanding Core and Non-Core Academics

Curriculum and Resources, Scheduling
Scheduling

- Electives
- Specialization in 8th grade
- Foreign Language, Choir, Band, Drama during the school day
- AIM delivery slightly adjusted for more choice
- Math and ELA double periods every day
- Blocking Science and Social Studies
  - 6th and 7th Red, White, Blue
  - 8th is trying a semester block of each
Curriculum / Resources

• Budget money provided for new curriculum materials in Spanish, Drama, Electives
• Complete adoption of IQWST Science curriculum for this school year
• Middle School specific 2\textsuperscript{nd} Step digital curriculum with added resources for extension lessons
• Social Studies aligning to new standards, investigating informational text resources for use this year
Curriculum / Resources

• ELA and Math have weekly curriculum meetings with Dr. Lind

• Scope and Sequence analysis to ensure alignment with Common Core

• Assessment analysis to determine strengths and weaknesses

• Norming baseline assessments for writing
  – Determine baseline so that we can evaluate growth during the year
Science and Technology

Science Curriculum, Science Enrichment, 1:1 iPads/Training/Resources
Science

• Investigating and Questioning our World through Science and Technology – IQWST
• Training on the new curriculum for science teachers
• Three complete units per grade
• Science Forensics Enrichment class
• Technology Animation/Coding Enrichment class
1:1 iPads/Training/Resources

• Rollout at MMS before school started
• Google and Schoology accounts set up first two days of school
• Teachers using Schoology with students on day two
• Training: Schoology, SAMR Model
• Resources: Apple Teacher, Atomic Learning
  – Added Full Time Technology Integration (shared)
  – *Next I will transition with Mr. Walshire…
Millburn Elementary
School Improvement Plan 2017-2018
MES School Improvement Plan 2017-2018

1. Outstanding Core Academics
2. Positive School Culture and Climate
3. Science and Technology
4. High Quality Teachers and Staff
Outstanding Core Academics

Standards-Based Reporting, Curriculum Updates
Standards-Based Report Card

Committee Work Began Last year

• Pros/Cons of a Standards-based Report Card
• Assessed grading practices
• Mission Statement
Report Card - Next Steps

1. Create Power Standards at each Grade Level (2017-2018)
2. Vertically Align Power Standards between grade levels (2017-2018)
3. Set Trimester Objectives to reach each Power Standard (2017-2018)
6. PRACTICE
Curriculum Update - Writing

- Assess student writing before each unit of instruction
  - Review data to identify strengths and weakness within student samples
  - Plan instruction accordingly

- Assess after unit of instruction to show growth and identify at risk students
  - Growth in areas of the Rubric
  - Gap analysis to improve instruction
Curriculum Update- Science

- Align NGSS to current science units
  - PD on Project-based units
    * Complete Fall 2017
  - Using Defined Stem as a resource for project-based units
    * Students liked, but not aligned to NGSS

- Piloting Mystery Science 2017-2018 all classrooms
  - Will use our evaluation tool to determine if it meets our needs
Curriculum Update - Social Studies

Piloting Studies Weekly in 6 classrooms (K-5)

Will use our evaluation tool to determine if it meets our needs
Curriculum Update- Reading

● Current reading series is out of date.
  ○ Adopted in 2008
  ○ Company has even discontinued their online resources

● Committee Work
  ○ Determine our needs (has begun)
  ○ Explore programs
  ○ Pilot
Positive School Culture and Climate

PBIS Fidelity, Action Plan
Implement PBIS Tier 1 and 2 with Fidelity

Data Collected

- SAS Survey- All Staff
- TFI Survey- PBIS Team
- School Climate- All Students

Action Plan
Bully Prevention

Programs in Place

- Second Step Program (Bully Unit first weeks of school)
  - Common Language
  - Common Strategies
- Educating Parents, Students, and Staff on what bullying is

New Features

- Accessible Bully Report
- Revised Data collection (referral form)
Students receiving 0-1 Referral (Minor/Major)

Historical Data

MES

- 2013-2014 = 83.6%
- 2014-2015 = 85.4%
- 2015-2016 = 86%
- 2016-2017 = 84.5%

PBIS = 80% signals effective PBIS Program
Science and Technology

Science Curriculum, 1:1 iPads
Science

Mystery Science Pilot

- Tracking the use of consumables during pilot
- Evaluation of the program
1:1 iPads

1. Lessons on iPAD use
2. Integration of Schoology/Seesaw
3. Take-Home Rights for 3rd-5th
   a. Purposeful
   b. Engaging
4. Implementation of the SAMR Model
5. Tech Talk
   a. Monthly
   b. Discussion on tech initiatives
   c. Feedback
High Quality Teachers and Staff

Professional Development
PD Aligned to Improvement Areas

- Schoology (Science and Technology, Outstanding Core Academics)
- Aleks- (Outstanding Core Academics)
- Norming for Writing- (Outstanding Core Academics)
- STAR- (Outstanding Core Academics)
- Erin’s Law (Positive School Culture and Community)
- PBIS- (Positive School Culture and Community)
- Power Standards- (Outstanding Core Academics)

* In addition to individualized PD using annual $500 of PD money/teacher
Data Review
PARCC Alignment

Alignment of standards in curriculum planning and development

Adopting new programs aligned to standards

- Current Math Series
- ALEKs
- STAR Assessment

PARCC addresses Major Standards set by the state (Example). Students are rated on a five point scale on PARCC.

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
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<td>Partially Met</td>
<td>Approached</td>
<td>Met</td>
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PARCC Comparisons

Link
## MAP Alignment - Reading

<table>
<thead>
<tr>
<th>Grade</th>
<th>MAP</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
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<td>100-189</td>
<td>1-13</td>
<td>190-201</td>
<td>14-38</td>
<td>202-212</td>
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<td>100-194</td>
<td>1-12</td>
<td>195-207</td>
<td>13-38</td>
<td>208-218</td>
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<td>6</td>
<td>100-198</td>
<td>1-11</td>
<td>199-211</td>
<td>12-38</td>
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<td>100-203</td>
<td>1-16</td>
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<td>210-219</td>
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Starts Between the 67-71%iles
# MAP Alignment - Math

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<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Did not Meet</td>
<td>Partially Met</td>
<td>Approached</td>
<td>Met</td>
<td>Exceeded</td>
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<tr>
<td></td>
<td>RIT</td>
<td>%ile</td>
<td>RIT</td>
<td>%ile</td>
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<tr>
<td>3</td>
<td>100-186</td>
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<td>12-33</td>
<td>198-207</td>
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<td>12-39</td>
<td>210-222</td>
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Starts Between the 62-75%iles
**STAR Alignment**

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<td>304–412</td>
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<td>372–507</td>
<td>508–662</td>
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<td>417–560</td>
<td>561–776</td>
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<tr>
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<td>467–614</td>
<td>615–829</td>
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<td>&lt; 527</td>
<td>527–678</td>
<td>679–908</td>
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<td>9</td>
<td>&lt; 597</td>
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<td>826–1035</td>
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**Star Reading® cut-score equivalents**

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<tbody>
<tr>
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<td>&lt; 504</td>
<td>504–588</td>
<td>589–648</td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td>&lt; 562</td>
<td>562–661</td>
<td>662–735</td>
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<tr>
<td>5</td>
<td>&lt; 614</td>
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<td>721–804</td>
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<tr>
<td>6</td>
<td>&lt; 650</td>
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<td>757–826</td>
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<tr>
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<td>687–777</td>
<td>778–860</td>
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<tr>
<td>8</td>
<td>&lt; 739</td>
<td>739–815</td>
<td>816–875</td>
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**Starts Between the 45-70%iles**

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<td>757–826</td>
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**Starts Between the 70-80%iles**
# Testing Correlation District-Wide

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<td></td>
<td>MAP 67%ile+</td>
<td>STAR (Based on State Performance Report)</td>
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<tr>
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<td>MAP 67%ile+</td>
<td>STAR (Based on State Performance Report)</td>
</tr>
<tr>
<td>2015</td>
<td>63%</td>
<td>53%</td>
</tr>
<tr>
<td>2016</td>
<td>62%</td>
<td>52%</td>
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<tr>
<td>2017</td>
<td>61.7%</td>
<td>59.5%</td>
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</table>
Increase PARCC Proficiency by 5%

1. Align Curriculum to Major Standards
2. Continuously assess using those major standards
   a. Classroom Assessments
   b. Teacher Goal Setting
   c. MAP/STAR- Looking at students scoring above the 67%