World’s Best Workforce
Northfield Public Schools

ANNUAL PUBLIC MEETING – NOVEMBER 27, 2017
All children are ready for school.

GOAL ONE
80% or more of incoming kindergarten students will be academically and behaviorally ready for kindergarten in the fall of 2017.

2016-2017 WBWF DISTRICT GOAL

Aligns with the district strategic vision: “We will prepare every student for lifelong success within a world-class learning environment with a commitment to community partnerships and sustainability.”
2017 WBWF Results

Fall 2017 FAST results indicated 84% of kindergarteners were ready in reading and 81% in math. Additionally 89% of the Class of 2030 were socially and emotionally ready for kindergarten.

Source: Students scoring Low and Some Risk on 2017 Fall FAST assessment in early reading and math skills, and low risk on the FAST Developmental Milestones.
K Math Readiness Fall 2017

<table>
<thead>
<tr>
<th>Category</th>
<th>Low Risk</th>
<th>Some Risk</th>
<th>High Risk</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Students</td>
<td>56%</td>
<td>25%</td>
<td>19%</td>
<td></td>
</tr>
<tr>
<td>Non FRP</td>
<td>65%</td>
<td>21%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>56%</td>
<td>22%</td>
<td>16%</td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>57%</td>
<td>27%</td>
<td>16%</td>
<td></td>
</tr>
<tr>
<td>Students of Color</td>
<td>32%</td>
<td>34%</td>
<td>34%</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>62%</td>
<td>34%</td>
<td>34%</td>
<td></td>
</tr>
</tbody>
</table>
2017 – 2018 Readiness Goals

- **Fall 2018 Behavior**: Increase the percentage of students who demonstrate low risk social and emotional skills from 89% to 95%.
- **Fall 2018 Math**: Increase percentage of low risk math students from 56% to 75%.
- **Fall 2018 Reading**: Increase percentage of low risk readers from 49% to 75%.
All third graders can read at grade level.

GOAL TWO
80% of third graders will meet or exceed grade level standards on the 2017 MCA.

2016-2017 WBWF DISTRICT GOAL

Aligns with the district strategic plan ongoing priority: “Robust, core subject instruction.”
2017 WBWF Results

Third grade MCA reading proficiency in Northfield declined for the fourth consecutive year since the standards change, from 59.6% in 2016 to 56.9% in 2017.

Source: 2017 Spring MCA Scores
2017 MCA Reading Results – Grade 3

- All Students
- White
- Free and Reduced Lunch
- Hispanic
- English Learners
- Special Education

Comparison of Northfield and State Average reading scores.
Third Grade MCA Reading Trends
2017 State Context for Grade 3 Reading

All Reading Accountability Test Proficiency Rates with Cell Size Larger Than 9 Students

- Districts Below Northfield
- Districts At or Above Northfield

<table>
<thead>
<tr>
<th>District</th>
<th>Below Northfield</th>
<th>Above Northfield</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>District</td>
<td>49%</td>
<td>51%</td>
<td>100%</td>
</tr>
<tr>
<td>Bridgewater</td>
<td>71%</td>
<td>29%</td>
<td>100%</td>
</tr>
<tr>
<td>Greenvale</td>
<td>21%</td>
<td>79%</td>
<td>100%</td>
</tr>
<tr>
<td>Sibley</td>
<td>62%</td>
<td>38%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Bridgewater Peer Context for Grade 3 Reading

2017 Carleton College Research Study of Demographically Similar Peer Schools

- Farmington Elementary: 68.7%
- Roseau Elementary: 63.3%
- Parker Elementary: 86.5%
- Kenwood Elementary: 70.3%
- Glen Lake Elementary: 71.6%
- Northfield: 65.2%
Greenvale Peer Context for Grade 3 Reading

2017 Carleton College Research Study of Demographically Similar Peer Schools

- Morris Bye Elementary: 56.3%
- Williams Elementary: 74.2%
- M.W. Savage Elementary: 35.6%
- Dowling Elementary: 54.3%
- Normandale Hills Elementary: 53.0%
- Northfield: 41.0%
Sibley Peer Context for Grade 3 Reading

2017 Carleton College Research Study of Demographically Similar Peer Schools

GLEN LAKE ELEMENTARY: 71.6%
WOODLAND ELEMENTARY: 80.6%
KENNEDY ELEMENTARY: 70.5%
FARMINGTON ELEMENTARY: 68.7%
JONATHAN ELEMENTARY: 78.7%
NORTHFIELD: 61.5%
2017 – 2018 Grade 3 Reading Goal

Spring 2018

Increase percentage of proficient third grade readers to 70% on the Spring 2018 MCA
All racial and economic achievement gaps between students are closed.

GOAL THREE
Northfield School District will exceed the state reading and math averages for “On Track” students in the Hispanic, FRP, LEP, and SPED student groups 100% of the time on the 2017 MCAs.

2016-2017 WBWF DISTRICT GOAL

Aligns with the district strategic plan near term priority: “Equitable opportunities and support for all career and college paths.”
2017 WBWF Results

On the 2017 MCA, FRP and SPED students exceeded the state “On Track” average in both reading and math (100%). Hispanic students exceeded the state “On Track” average in Math only (50%), and EL students did not exceed the state “On Track” average in either reading or math (0%).

Source: 2017 Spring MCA Scores
## On Track - 2017 MCAs

<table>
<thead>
<tr>
<th>Student Group</th>
<th>Northfield Reading On Track</th>
<th>State Reading On Track</th>
<th>Northfield Math On Track</th>
<th>State Math On Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic</td>
<td>40.6%</td>
<td>42.3%</td>
<td>39.6%</td>
<td>39.0%</td>
</tr>
<tr>
<td>FRP</td>
<td>46.5%</td>
<td>43.7%</td>
<td>45.3%</td>
<td>40.4%</td>
</tr>
<tr>
<td>EL</td>
<td>32.4%</td>
<td>34.6%</td>
<td>33.3%</td>
<td>35.9%</td>
</tr>
<tr>
<td>SPED</td>
<td>48.4%</td>
<td>37.9%</td>
<td>50.8%</td>
<td>36.1%</td>
</tr>
</tbody>
</table>
2017 Reading Achievement Gap Results
(All Accountability Tests)

<table>
<thead>
<tr>
<th>Gap Type</th>
<th>2017 Northfield</th>
<th>2017 State Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFRP/FRP Gap</td>
<td>31.0%</td>
<td>31.6%</td>
</tr>
<tr>
<td>White/Hispanic Gap</td>
<td>37.7%</td>
<td>31.9%</td>
</tr>
<tr>
<td>NEL/EL Gap</td>
<td>59.7%</td>
<td>49.3%</td>
</tr>
</tbody>
</table>
District Reading Proficiency Gap Trends

- **NFRP/FRP**
  - 2013: 36%
  - 2014: 31%
  - 2015: 32%
  - 2016: 32%
  - 2017: 31%

- **NEL/EL**
  - 2013: 56%
  - 2014: 55%
  - 2015: 51%
  - 2016: 52%
  - 2017: 60%

- **White/Hispanic**
  - 2013: 47%
  - 2014: 42%
  - 2015: 41%
  - 2016: 38%
  - 2017: 37%
2017 Math Achievement Gap Results
(All Accountability Tests)

- NFRP/FRP Gap: 2017 Northfield 32%, 2017 State Average 33%
- White/Hispanic Gap: 2017 Northfield 38%, 2017 State Average 32%
- NEL/EL Gap: 2017 Northfield 51%, 2017 State Average 41%
District Math Proficiency Gap Trends

![Graph showing district math proficiency gap trends from 2013 to 2017 for different groups (NFRP/FRP, NEL/EL, White/Hispanic). The percentages for each group are as follows:

- NFRP/FRP:
  - 2013: 31%
  - 2014: 31%
  - 2015: 31%
  - 2016: 35%
  - 2017: 32%

- NEL/EL:
  - 2013: 49%
  - 2014: 54%
  - 2015: 45%
  - 2016: 49%
  - 2017: 51%

- White/Hispanic:
  - 2013: 37%
  - 2014: 40%
  - 2015: 38%
  - 2016: 40%
  - 2017: 38%]
2017 – 2018 Achievement Gap Goal

- FRP gap will be at least 3% less than the state average on the 2018 Reading and Math MCAs.

- Hispanic and EL gaps will be smaller than the state average on the 2018 Reading and Math MCAs.
What’s Next

**Action Steps:**

- Mother Goose curriculum provided to home daycare providers
- Implementation of Second Step curriculum (PK – Grade 8)
- Collaborative Classroom Literacy curriculum adoption (K – 5)
- Online differentiated literacy instruction (Grades 1 – 7)
- Move 5 Initiative (Grade 3)
- Professional learning opportunities
- PLC team focus areas
- Addition of MTSS Math at the high school
- Northfield Promise action teams and collaborative work
All students are ready for career and college.

GOAL FOUR
80% of Northfield eighth graders will be proficient on the 2017 reading and math MCAs.

2016-2017 WBWF DISTRICT GOAL

Aligns with the district strategic plan near term priority: “Equitable opportunities and support for all career and college paths.”
2017 WBWF Results

Grade 8 2017 MCA reading proficiency was 66%, and the MCA math proficiency level was 71% reversing a four year decline.

Source: 2017 Spring MCA Scores
2017 MCA Reading Results – Grade 8

![Graph showing reading results for different groups compared to the state average.](image-url)
Grade 8 2017 MCA Reading Trends

- **All**
- **White**
- **FRP**
- **Hispanic**
- **EL**
- **SPED**
2017 State Context for Grade 8 Reading

All Reading Accountability Test Proficiency Rates with Cell Size Larger Than 9 Students

- Districts Below Northfield: 76%
- Districts At or Above Northfield: 24%
Peer Context for Grade 8 Reading

2017 Carleton College Research Study of Demographically Similar Peer Districts

- Woodbury Middle School: 66.7%
- Central Middle: 64.5%
- St. Louis Park Middle: 61.9%
- Kellogg Middle: 51.7%
- Rogers Middle: 74.2%
- Northfield: 66.1%
2017 MCA Math Results – Grade 8
2017 State Context for Grade 8 Math

All Reading Accountability Test Proficiency Rates with Cell Size Larger Than 9 Students

- 82% Districts Below Northfield
- 18% Districts At or Above Northfield
Peer Context for Grade 8 Math

2017 Carleton College Research Study of Demographically Similar Peer Districts

WOODBURY MIDDLE SCHOOL: 68.0%
CENTRAL MIDDLE: 68.6%
ST LOUIS PARK MIDDLE: 61.6%
KELLOGG MIDDLE: 49.2%
ROGERS MIDDLE: 90.8%
NORTHFIELD: 70.6%
Northfield School District will increase the percentage of 11th graders reaching the college ready composite benchmark on the ACT by 6% to 68% in 2017.

2016-2017 WBWF CAREER AND COLLEGE READINESS DISTRICT GOAL

Aligns with the district strategic plan near term priority: “Equitable opportunities and support for all career and college paths.”
2017 WBWF Results

63% of 11th graders met the College Ready Benchmark Composite score on the ACT in 2017.

Source: ACT Corp
Class of 2018 ACT Results

Composite Score

- College Ready: 63%
- Within Two Points of CRB: 23%
- Not College Ready: 14%
ACT College Readiness Trends – 11th Graders

% of students meeting the College Ready Benchmark composite score
ACT College Readiness Report for the Class of 2017

Average ACT Score by Graduating Class Year

- **NHS**
- **State**
- **Nation**
Class of 2017 ACT Results

% OF STUDENTS COLLEGE READY BY SUBJECT

<table>
<thead>
<tr>
<th>Subject</th>
<th>Northfield</th>
<th>Minnesota</th>
<th>Nation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR ENGLISH</td>
<td>71%</td>
<td>63%</td>
<td>61%</td>
</tr>
<tr>
<td>CR MATH</td>
<td>55%</td>
<td>48%</td>
<td>41%</td>
</tr>
<tr>
<td>CR READING</td>
<td>60%</td>
<td>50%</td>
<td>47%</td>
</tr>
<tr>
<td>CR SCIENCE</td>
<td>49%</td>
<td>42%</td>
<td>37%</td>
</tr>
</tbody>
</table>
87% or more of Northfield students will score 3 or higher on the AP exam.

2016-2017 WBWF CAREER AND COLLEGE READINESS DISTRICT GOAL

Aligns with the district strategic plan ongoing priority: “Robust, core subject instruction.”
2016 WBWF Results

87% of NHS students taking AP exams in 2017 scored 3 or higher.

Source: 2017 AP Results from the College Board
2017 AP Test Performance

Number of NHS students testing: 218

Number of exams taken: 356

Number of AP Scholars: 70
2017 – 2018 Career and College Readiness Goals

- **2018 ACT Composite**: Increase the percentage of 11th graders who meet the CRB composite score to 68%
- **2018 MCA Math**: Increase percentage of proficient 8th graders to 75%
- **2018 MCA Reading**: Increase percentage of proficient 8th graders to 70%

- Increase percentage of proficient 8th graders to 75%

- Increase percentage of proficient 8th graders to 70%

- Increase the percentage of 11th graders who meet the CRB composite score to 68%
All students graduate from high school.
Northfield School District will maintain or exceed a 95% graduation rate.

2016-2017 WBWF DISTRICT GOAL

Aligns with the district strategic vision: “We will prepare every student for lifelong success within a world-class learning environment with a commitment to community partnerships and sustainability.”
2017 WBWF Results

The 2016 graduation rate was 91% for all Northfield School District students and 94% for Northfield High School.

Source: 2016 MDE Graduation Data
Graduation Rates
Northfield School District

Overall Rate
Hispanic Rate
FRP Rate

<table>
<thead>
<tr>
<th>Year</th>
<th>Overall Rate</th>
<th>Hispanic Rate</th>
<th>FRP Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>79.2%</td>
<td>26.7%</td>
<td>37.9%</td>
</tr>
<tr>
<td>2006</td>
<td>84.9%</td>
<td>53.9%</td>
<td>64.3%</td>
</tr>
<tr>
<td>2007</td>
<td>79.1%</td>
<td>57.1%</td>
<td>58.9%</td>
</tr>
<tr>
<td>2008</td>
<td>84.8%</td>
<td>57.1%</td>
<td>59.3%</td>
</tr>
<tr>
<td>2009</td>
<td>85.0%</td>
<td>69.0%</td>
<td>71.9%</td>
</tr>
<tr>
<td>2010</td>
<td>85.2%</td>
<td>68.4%</td>
<td>66.7%</td>
</tr>
<tr>
<td>2011</td>
<td>83.1%</td>
<td>57.7%</td>
<td>61.9%</td>
</tr>
<tr>
<td>2012</td>
<td>92.1%</td>
<td>82.8%</td>
<td>77.8%</td>
</tr>
<tr>
<td>2013</td>
<td>91.2%</td>
<td>77.1%</td>
<td>77.6%</td>
</tr>
<tr>
<td>2014</td>
<td>90.2%</td>
<td>77.3%</td>
<td>82.8%</td>
</tr>
<tr>
<td>2015</td>
<td>93.4%</td>
<td>83.3%</td>
<td>86.7%</td>
</tr>
<tr>
<td>2016</td>
<td>90.9%</td>
<td>62.9%</td>
<td>81.4%</td>
</tr>
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</table>
Graduation Rates
Northfield High School

Overall Rate
Hispanic Rate
FRP Rate

<table>
<thead>
<tr>
<th>Year</th>
<th>Overall Rate</th>
<th>Hispanic Rate</th>
<th>FRP Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>88.8%</td>
<td>30.0%</td>
<td>58.8%</td>
</tr>
<tr>
<td>2006</td>
<td>91.2%</td>
<td>60.0%</td>
<td>82.8%</td>
</tr>
<tr>
<td>2007</td>
<td>86.7%</td>
<td>69.2%</td>
<td>82.9%</td>
</tr>
<tr>
<td>2008</td>
<td>91.5%</td>
<td>66.7%</td>
<td>75.0%</td>
</tr>
<tr>
<td>2009</td>
<td>90.0%</td>
<td>76.2%</td>
<td>81.6%</td>
</tr>
<tr>
<td>2010</td>
<td>91.7%</td>
<td>84.6%</td>
<td>92.1%</td>
</tr>
<tr>
<td>2011</td>
<td>91.0%</td>
<td>76.5%</td>
<td>84.2%</td>
</tr>
<tr>
<td>2012</td>
<td>96.4%</td>
<td>89.5%</td>
<td>92.9%</td>
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<td>2013</td>
<td>94.4%</td>
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<td>86.1%</td>
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<tr>
<td>2014</td>
<td>93.8%</td>
<td>88.2%</td>
<td>90.7%</td>
</tr>
<tr>
<td>2015</td>
<td>96.5%</td>
<td>93.6%</td>
<td>91.9%</td>
</tr>
<tr>
<td>2016</td>
<td>94.1%</td>
<td>71.4%</td>
<td>85.7%</td>
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</tbody>
</table>
### State Context – 2016 Graduation Rate

<table>
<thead>
<tr>
<th>Category</th>
<th>Districts Below Northfield</th>
<th>Districts At or Above Northfield</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>53%</td>
<td>47%</td>
</tr>
<tr>
<td>White</td>
<td>65%</td>
<td>35%</td>
</tr>
<tr>
<td>FRP</td>
<td>45%</td>
<td>55%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>37%</td>
<td>63%</td>
</tr>
<tr>
<td>LEP</td>
<td>56%</td>
<td>44%</td>
</tr>
<tr>
<td>SPED</td>
<td>42%</td>
<td>58%</td>
</tr>
</tbody>
</table>

Note: FRP stands for Free and Reduced Price lunch, LEP for Limited English Proficiency, and SPED for Special Education.
The Class of 2017 graduation rate will meet or exceed 95%.
What’s Next

**Action Steps:**
- Implementation of Second Step curriculum (Grades PK – 8)
- Ramp Up to Readiness (Grades 6 – 12)
- Peer Helpers (Grades 9 – 12)
- Improved procedures for tracking graduation cohorts
- MTSS Math at the HS
- Professional learning opportunities
- PLC team focus areas
- Northfield Promise action teams
QUESTIONS?