



# District Improvement Plan 2017-2018

*The Winnetka Public Schools community empowers every student to flourish in an innovative, experiential environment. We support and challenge all learners to actively engage in continual growth and achievement to make a meaningful difference in the world.*

# 2017-2018 Goals

## Reading

- *2 outcomes*
- *4 measures\**
- *2 growth targets and 4 achievement targets*

## Math

- *3 outcomes*
- *6 measures\**
- *3 growth targets and 5 achievement targets*

*\*PARCC and New Trier Longitudinal Survey for fall 2018 reporting*

## Year 2 MAP in Winnetka District 36

- ❑ MAP offered in three testing windows per year:
- ❑ Fall, Winter, and Spring
- ❑ Math and Reading
- ❑ Administered to students in Grades 3-8

# How do teachers and school leaders use MAP?

- Inform Instruction
- Focus Teaching Strategies
- Differentiate Instruction
- Examine Trends
- Provide Information for Decision Making
- Support Student Success

# Achievement versus Growth

## Achievement

- ❖ Indicates an instructional level
- ❖ *Represented by RIT score and national percentile*
- ❖ *Goal - Improve/Maintain Fall Achievement*

## Growth

- ❖ **Change in student achievement over time**
- ❖ *MAP compares similar performing students*
- ❖ *Goal - 50% meet growth by grade (per NWEA)*

# Reading: Goals

## **Outcome 1**

*Students will demonstrate growth and grade level mastery in reading of developmentally appropriate and challenging literary and informational texts.*

## **Outcome 2**

*Students will demonstrate growth in the reading strand of “Building a Reading Life.”*

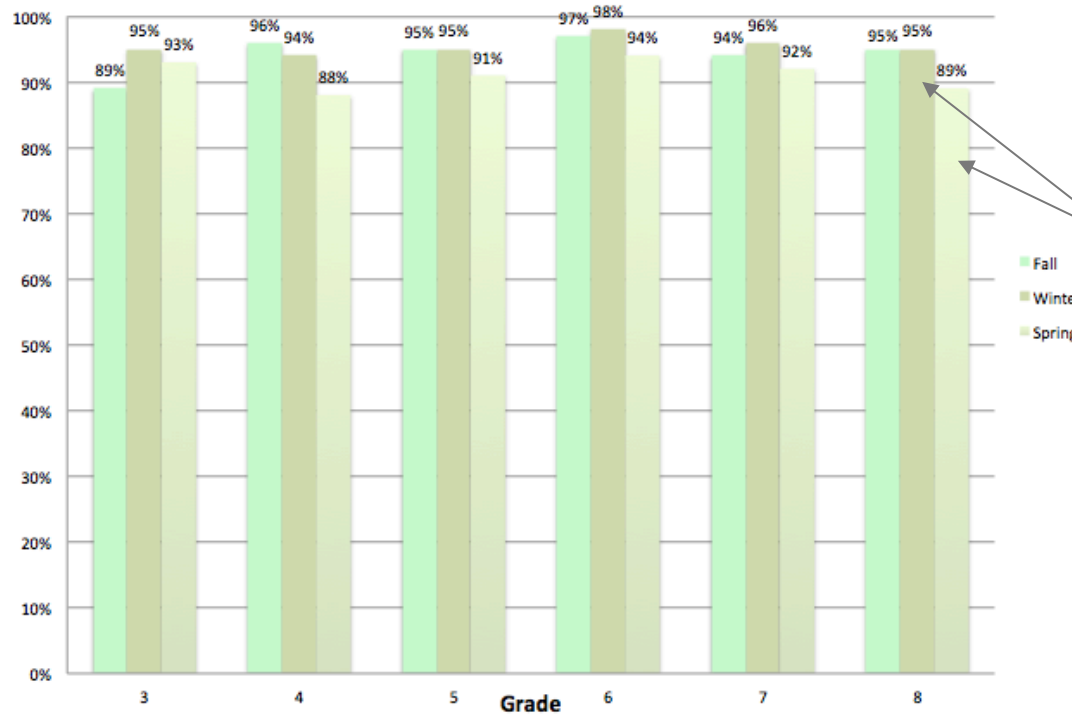
# Reading Goal 1: MAP Targets and Measures

<b>Grade</b>	<b>Growth Target:</b> <i>Percent of students meet/exceed growth projection in Reading. Fall to Spring Goal = 50%</i>	<b>Growth Target Met</b>	<b>Achievement Target:</b> <i>Each cohort maintains or improves its current national percentile in Reading. <u>Fall to Spring National Percentile</u></i>	<b>Achievement Target Met</b>
<i>Third</i>	68%	Yes	89% to 93%	Yes
<i>Fourth</i>	42%	No	96% to 88 %	No
<i>Fifth</i>	54%	Yes	95% to 91%	No
<i>Sixth</i>	48%	No	97% to 94%	No
<i>Seventh</i>	55%	Yes	94% to 92%	No
<i>Eighth</i>	44%	No	95% to 89%	No

# 2017-18 Achievement: Reading (National Percentile)

NWEA calculates National Percentile by utilizing their database of over 7000 schools.

National Percentile is calculated by comparing the D36 grade level average (mean) as compared to other school districts.



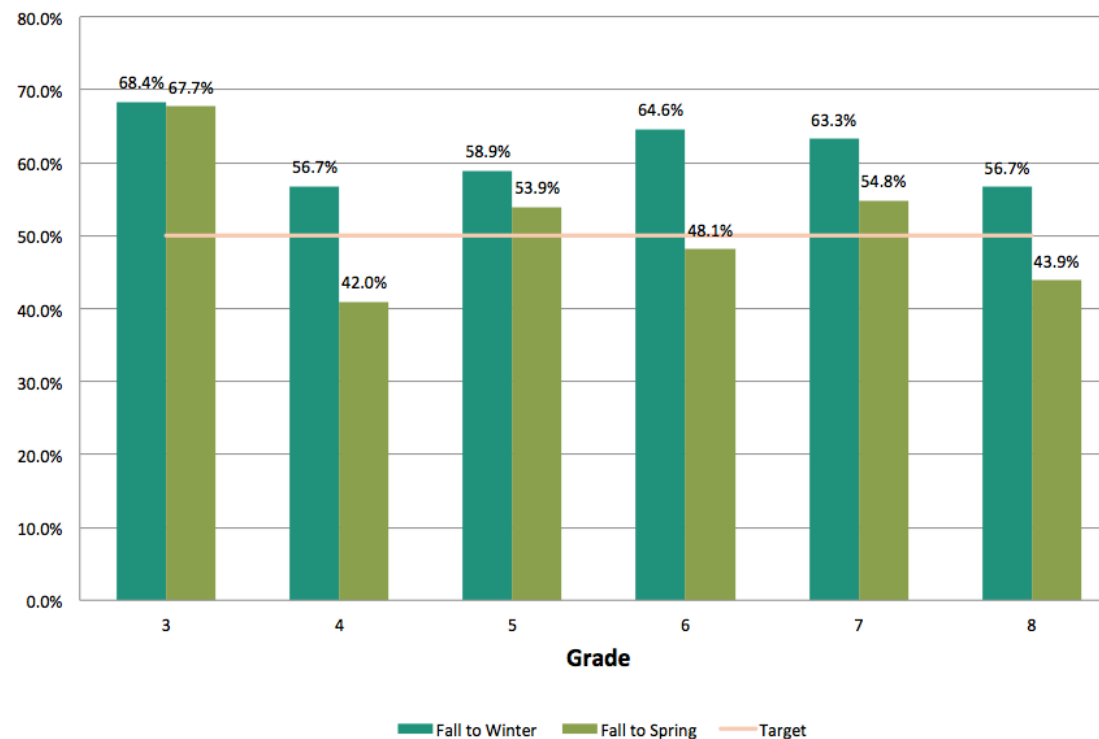
Ex. Washburne 8th graders perform at the 95%ile in Winter and 89%ile in Spring when compared to other MAP schools nationally.



# MAP Growth: Reading (Percent Meet or Exceed Target)

Winnetka D36 year two growth target was established based on NWEA recommendation which uses normed criteria.

**Growth is relative to other similarly achieving peers.**  
Ex. Students scoring at the 98%ile in fall are compared to like-achieving peers to determine growth targets.



All grades met target on fall to winter growth

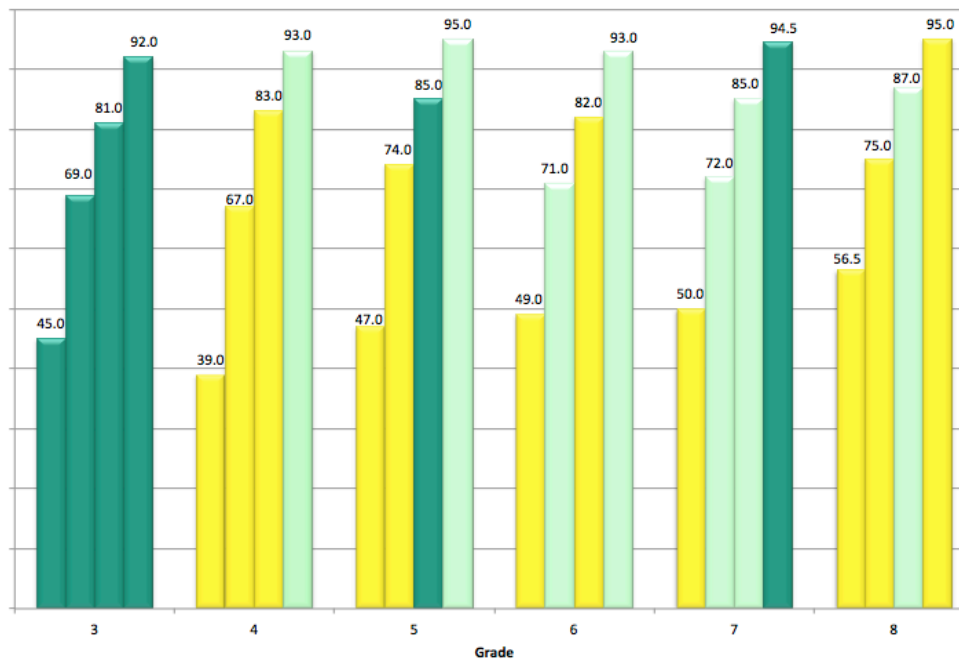
# Growth + Achievement: Reading by Quartile

## Growth Targets Met + Median National Percentile

Local quartiles for grade level are listed in order (Q1, Q2, Q3, Q4) according to achievement levels.

13 of 24 quartile groups met growth target (~54%).

Quartile 4 (top performers) demonstrate strongest growth performance



Dark Green: More than 60% met growth targets

Light Green: 50% - 60% met growth targets

Yellow: Less than 50% met growth targets

Q1 Q2 Q3 Q4

Local (D36) Quartiles defined by achievement

Q1 - 25% below Q2 - 26-50% Q3 - 51-75%ile Q4 - 76%+

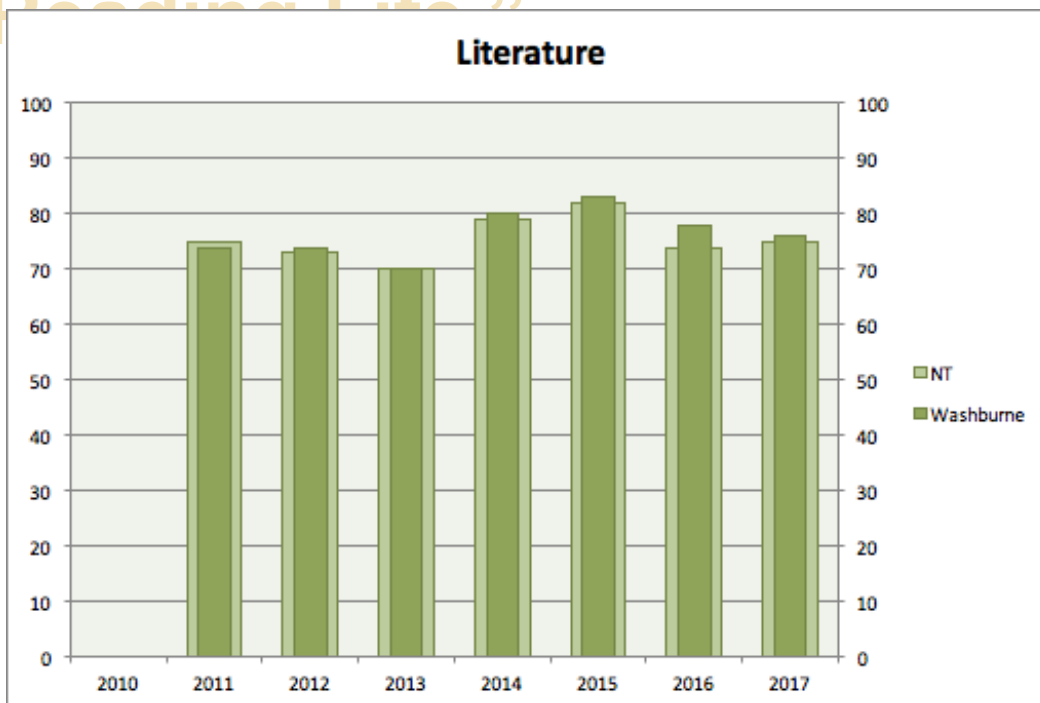
# Reading Goal 1: Teachers College Measures and Targets

<b>Grade</b>	<b>Growth Target:</b> % of students that met growth target <u>Goal = 80%</u>	<b>Growth Target Met?</b>	<b>Achievement Target:</b> % of students that met the Independent Reading Target for the Grade Level <u>Goal = 80%</u>	<b>Achievement Target Met?</b>
First	83%	Yes	75%	No
Second	90%	Yes	84%	Yes
Third	79%	Yes*	88%	Yes
Fourth	78%	No	85%	Yes
Fifth	78%	No	95%	Yes
Sixth	92%	Yes	89%	Yes

\*1% difference considered meets

# Reading Goal 2: Students will demonstrate growth in the reading strand of “Building a

## Reading Life”



Target = 76% of freshman reporting that they are prepared or well prepared for New Trier Literature.

# Reading Highlights

## ❑ Achievement

- ❑ 5 of 6 grade levels met reading targets in the Teacher College benchmark assessment
- ❑ MAP Reading performance declined in grades 4,6,8 notably from winter to spring
- ❑ Teachers College data demonstrated high achievement in grade 6 in contrast to MAP data
- ❑ Grade 3 demonstrated strong achievement on MAP

## ❑ Growth

- ❑ Grade 3 demonstrated strong growth for all quartiles on MAP
- ❑ Teachers College data shows high growth in grade 6 in contrast to MAP data
- ❑ 3 of 6 grade levels met MAP growth goal
- ❑ 4 of 6 Grade level reading growth targets met for 80% of learners in Teacher College benchmarked grades
- ❑ Top quartile performers on MAP met growth targets in 5 of 6 grades

# Reading Highlights (Continued)

## ❑ Other

- ❑ Year 2 of Revised Reading Curriculum
- ❑ Implemented and provided professional learning for word study curriculum in Grades 3 - 8
- ❑ Provided communication and feedback loops with teachers to implement, review and reflect upon the finalized Learning Plans for 3 reading strands: Building a Reading Life, Literary Reading and Informational Reading
- ❑ Expanded classroom libraries with more nonfiction and science text at elementary schools
- ❑ Investigated and piloted new reading resources for Grades 5 - 8 with a focus on integration of literacy skills and inquiry across disciplines
- ❑ Updated ELA District website to strengthen home-school partnerships.
- ❑ Hosted Teachers College Homegrown Advanced Reading Institute August 2017 (75 Teachers)

# Reading Response

- ❑ **Further Study Needed - Addressing the Issue**
  - ❑ Marked difference in Spring MAP performance as compared to both the Fall 2017 and Winter 2018 emphasizes the importance of using the Fall 2018 MAP to inform action planning
  - ❑ Spring 2018 Teachers College reading performance consistent with the Fall 2017 and Winter 2018 MAP performance
  - ❑ A late September 2018 update will be provided

# Math: Goals

## **Student Outcome #1 (content focus)**

Students will demonstrate mastery of and fluency with grade-level content that supports the following:

- *Conceptual Understanding and Mastery of Content*
- *Computational Fluency*
- *Application of Problem Solving and Critical Thinking Skills*

## **Student Outcome #2 (behavior focus)**

Students will understand, apply, and demonstrate competency with the Standards for Mathematical Practice.

## **Student Outcome #3 (disposition focus)**

Students will demonstrate a positive disposition toward mathematics



# Math Goal 1: Numerical Fluency Assessment (NFA)

## Students Meeting/Exceeding End of 1st grade Benchmarks

Grade	<b>COUNTING</b> <i>% of students that met the Grade Level Benchmark</i> <u>Goal = 80%</u>			<b>NUMERATION</b> <i>% of students that met the Grade Level Benchmark</i> <u>Goal = 80%</u>			<b>ADDITION/SUBTRACTION</b> <i>% of students that met the Grade Level Benchmark</i> <u>Goal = 80%</u>		
	Fall	Spring	Met	Fall	Spring	Met	Fall	Spring	Met
Grade 1	56%	92%	Yes	54%	88%	Yes	41%	78%	No

# Math Goal 1: MAP Targets and Measures

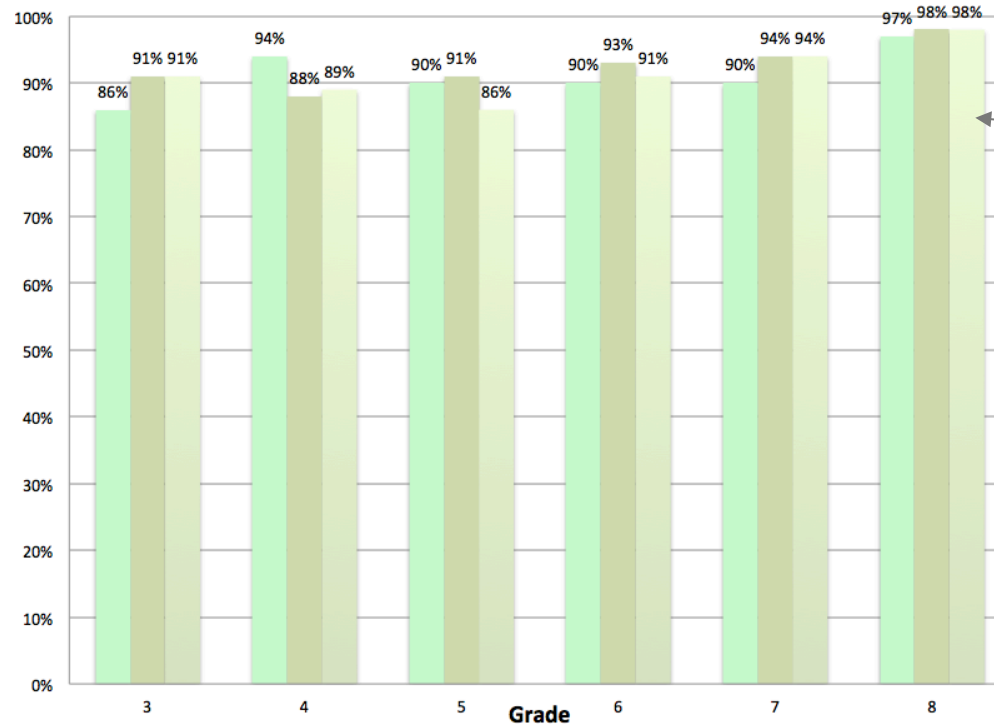
<b>Grade</b>	<b>Growth Target:</b> <i>Percent of students meet/exceed growth projection in Math</i> <i>Fall to Spring</i> <u><i>Goal = 50%</i></u>	<b>Growth Target Met</b>	<b>Achievement Target:</b> <i>Each cohort maintains or improves its current national percentile in Reading.</i> <i>Fall to Spring</i> <u><i>National Percentile</i></u>	<b>Achievement Target Met</b>
<i>Third</i>	66%	Yes	86% to 91%	Yes
<i>Fourth</i>	49%	Yes*	94% to 89%	No
<i>Fifth</i>	53%	Yes	90% to 86%	No
<i>Sixth</i>	65%	Yes	90% to 91%	Yes
<i>Seventh</i>	69%	Yes	90% to 94%	Yes
<i>Eighth</i>	79%	Yes	97% to 98%	Yes

\* 1% difference between fall and winter achievement - considered maintained

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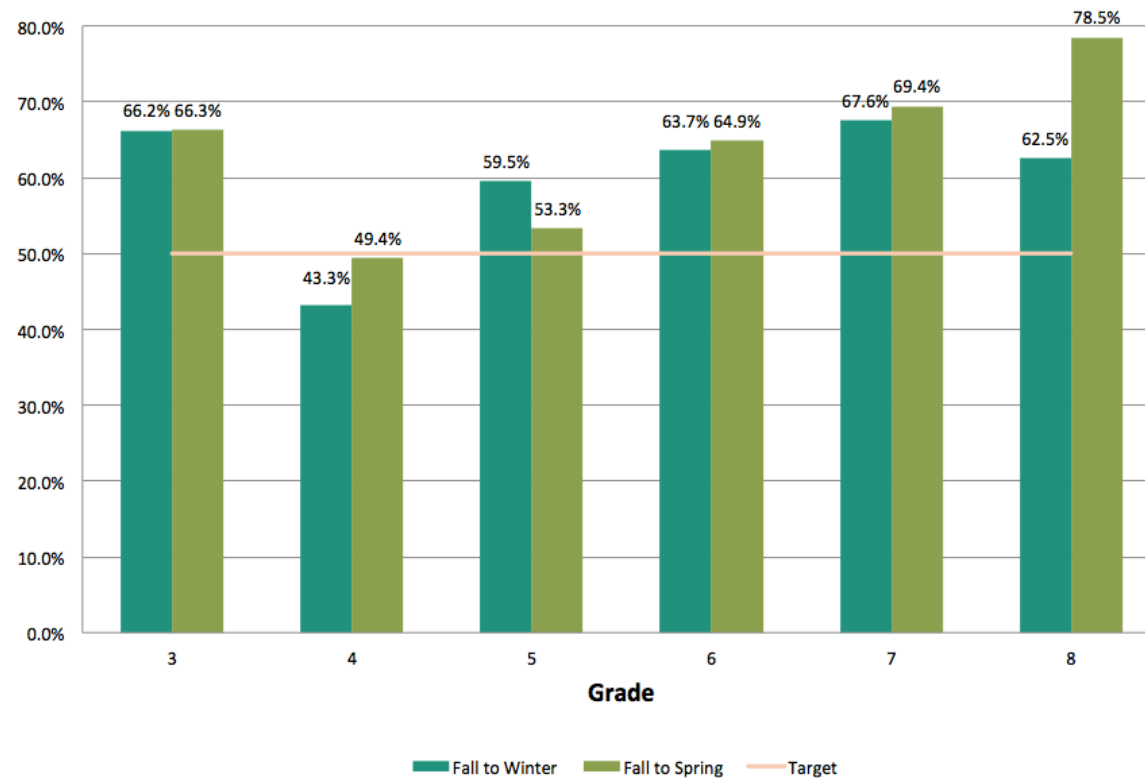


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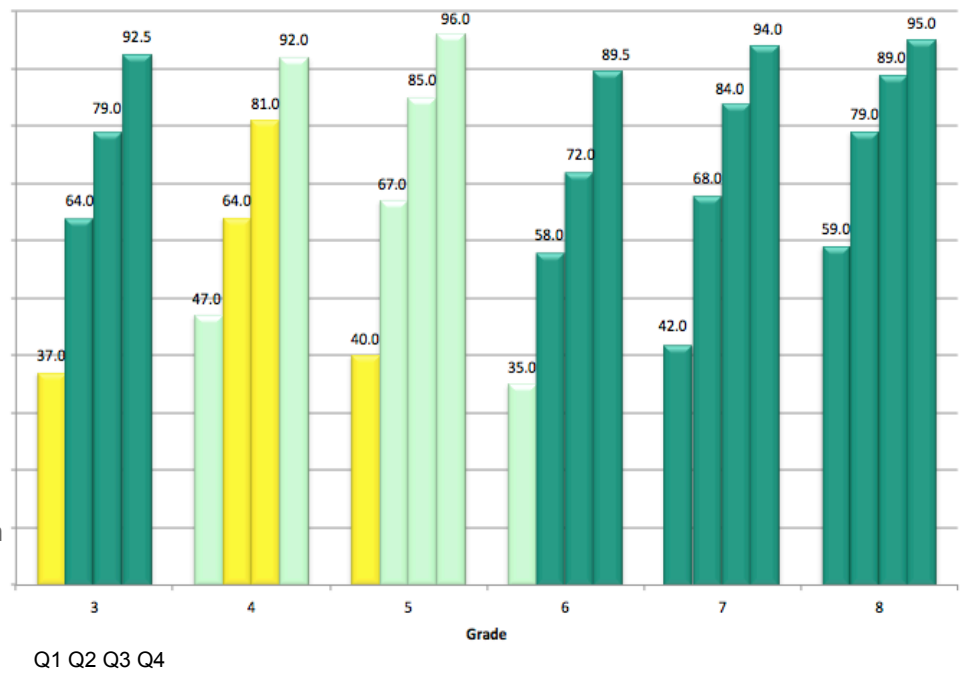
# Growth + Achievement: Math by Quartile

## Growth Targets Met + Median National Percentile

Local quartiles for grade level are listed in order (Q1, Q2, Q3, Q4) according to achievement levels.

20 of 24 quartile groups met growth target (~83%).

Quartile 4 (top performers) met growth target in all grades



**Dark Green:** More than 60% met growth targets

**Light Green:** 50% - 60% met growth targets

**Yellow:** Less than 50% met growth targets

Local (D36) Quartiles defined by achievement  
 Q1 - 25% below Q2 - 26-50% Q3 - 51-75% Q4 - 76%+

# Math Goal 3: Student Disposition Survey

**Grade Levels: 4,6,8**

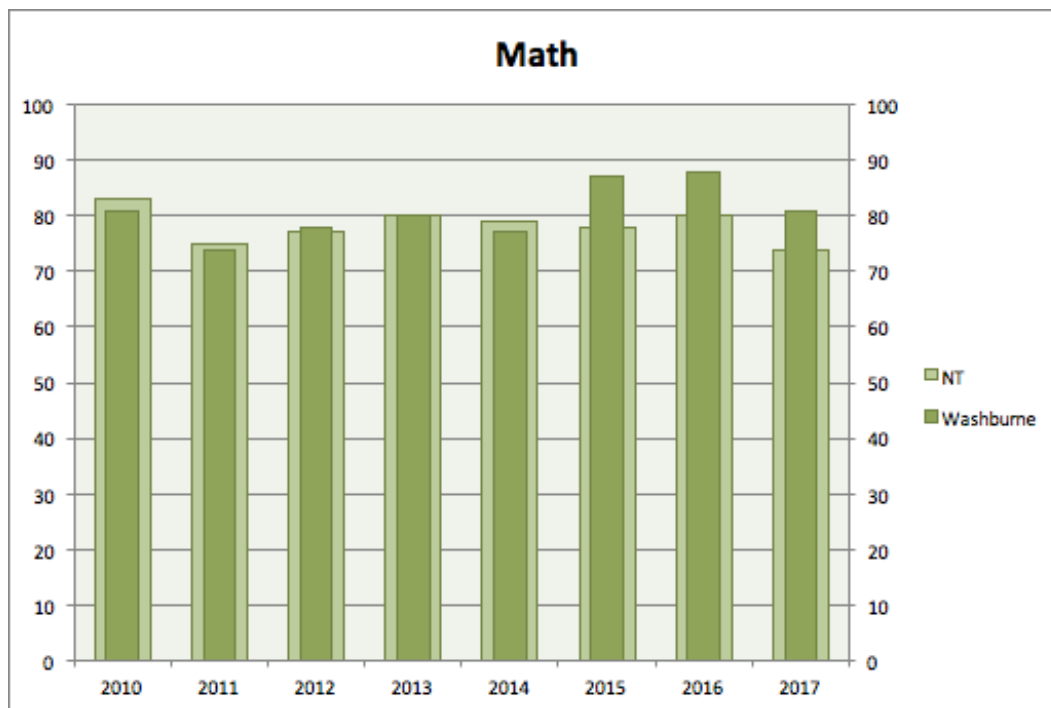
## **Key Takeaways**

- 2018 winter survey data showed an overall positive disposition regarding math in all categories (attribution, effort, interest & excitement, confidence, communication, and usefulness)
- Girls and boys reported similar findings with one exception. Girls are reporting that they are less comfortable sharing ideas and strategies in class.

## **Next Steps**

- Continue to develop mathematical practices that promote growth mindset and engage students at a high level
- Explore practices that support mathematical discourse for girls and boys

# Math Goal 3: Students will demonstrate a positive disposition toward mathematics



81% of freshman reporting that they are prepared or well prepared for New Trier Mathematics.

# Math Highlights

## **Achievement**

- ❑ 5 of 6 grades achieving at 89-98%ile nationally on MAP
- ❑ 7th grade cohort continues to demonstrate improved performance
- ❑ Grade 1 met 2 of 3 achievement benchmarks on Numerical Fluency Assessment

## **Growth**

- ❑ Top quartile performers met or exceeded growth targets in ALL grades on MAP
- ❑ 6 of 6 grades met overall growth goal on MAP

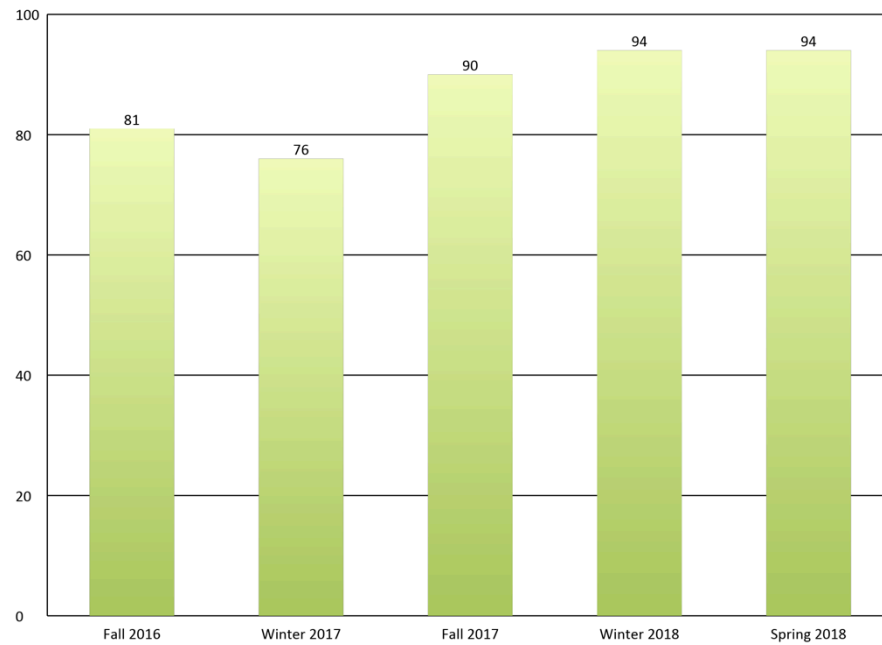
## **Disposition**

- ❑ Evidence of overall positive disposition across grades and gender
- ❑ Girls are reporting that they are less comfortable than boys in sharing ideas and strategies in class



# Addressing Performance: Current 7th Grade (Math)

7th Grade Cohort - MAP  
Math: National Achievement Percentage



# Math Highlights (Continued)

## Other

- ❑ Established math clubs at each elementary school (grades 3 & 4)
- ❑ Increased Math Forum participation and partnership
  - ❑ Improvement from 40% to 60% of 6th graders, 40% of 5th graders (first year), 15% of 4th graders (first year)
- ❑ Integrated rich, challenging math tasks into learning plans
- ❑ Provided targeted math intervention for K-2
- ❑ Provided more time for facilitators to serve as instructional coaches in elementary schools
- ❑ Continued to improve District-wide communication with parents regarding resources, differentiation, classroom practices and student data through the D36 website, WPI's, and newsletters
- ❑ Sustained increase in parent satisfaction seen in the prior year in conference surveys

# New Trier Placement- Class of 2021

Student's Level Distribution: English, Math, Language, Science, Social Studies

	<b>9</b>	<b>2</b>	<b>3</b>	<b>4</b>
Washburne	10.73%	18.42%	49.95%	20.91%
New Trier HS Class of 2021	12.86%	20.61%	45.75%	20.78%

9 - Combined Levels; Level 2 - College Prep; Level 3 - Honors; Level 4 - High Honors

# New Trier Grade Data Class of 2021

Student's Grade Distribution: English, Math, MCL, Science, Social Studies

	<b>A/A-</b>	<b>B+/B</b>	<b>B-/C+</b>	<b>C/C-</b>	<b>D+/D/D</b>	<b>F</b>	<b>Other</b>
Washburne	49.30%	32.07%	10.94%	5.74%	1.30%	0.22%	0.43%
New Trier HS Class of 2021	43.57%	32.28%	13.91%	6.60%	2.31%	0.52%	0.82%

# Q & A

