



# NWEA Winter Snapshot

March 6, 2023  
School Committee Meeting



**DATA**

**NEVER GETS OLD!**

[memegenerator.net](http://memegenerator.net)

**NWEA Mid-Year**

Winter 22/23 School Year

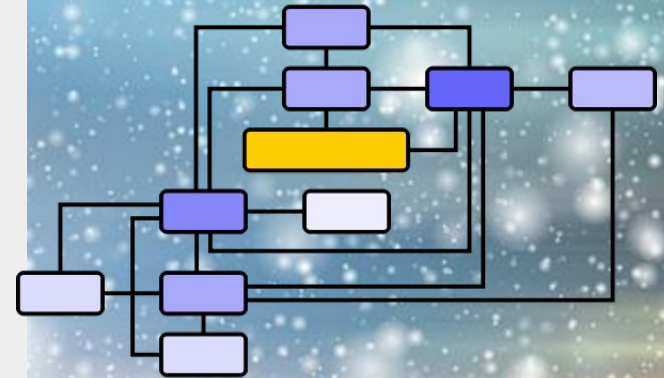
# Northwest Evaluation Association (NWEA)

- 21 years of data for Sanford School District using NWEA MAP Growth Assessments
  - Shows longitudinal data across grades, classrooms and individual students
- The NWEA assesses Common Core Standards.
- Grades 1-10 (3-8 & 10 are mandatory for the state)\*
  - Math and Reading
  - Each assessment on average 45 - 90 minutes
  - Winter Screening is shorter usually only taking 30 minutes



# The Measures of Academic Progress (MAP)

- MAP Growth is a computer-Adaptive multiple choice test
- If a student answers a question correctly, the next question is more challenging
- If they answer incorrectly, the next question is easier
- This type of assessment challenges top performers without overwhelming students whose skills are below grade level





# How Does MAP Measure?

- Similar to a growth chart, MAP tests measure students growth in Math and Reading each year
- The scale used to measure progress is not feet and inches, but a RIT scale which is created using data from across the country
- Reports provide scores for each skill area to determine strengths, areas to improve and overall score

## What Does MAP Measure?

### **Reading:**

- Word origins, semantics, vocabulary acquisition
- Comprehension of Literary texts
- Comprehension of Nonfiction texts

### **Math:**

- Number and number sense
- Computation and estimation
- Measurement and geometry
- Probability and statistics
- Patterns, functions, and algebra

# Instructional Level versus Mastery

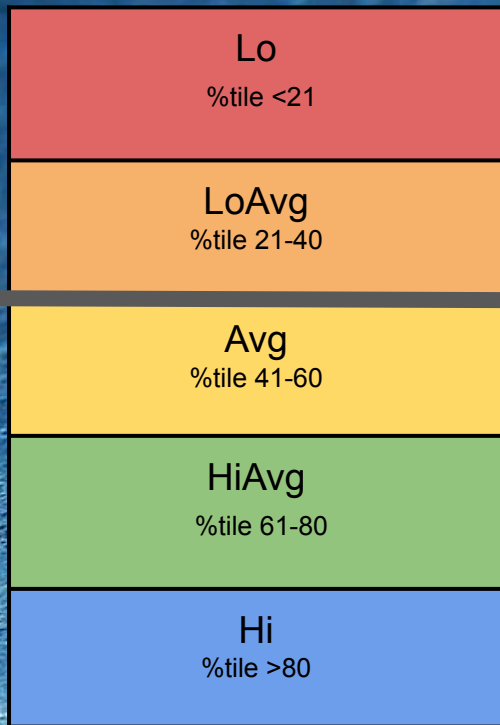
## MAP:

- Provides information about the instructional level of a student
- Provides a road map for students toward achieving mastery
- Is not a test for determining mastery of skills



## Winter Screener versus Fall & Spring Growth Assessment

MAP Screening tests are shorter versions of MAP Growth assessments. Because they are shorter, they take less time to complete, but don't provide the subscores or detailed learning statements included in MAP Growth score reports.



In the red and orange we want to see numbers **below** the 20th percentile

In the yellow, green and blue we want to see numbers **above** the 20th percentile





# Grade K

## Math

Lo %tile <21	21%
LoAvg %tile 21-40	22%
Avg %tile 41-60	20%
HiAvg %tile 61-80	24%
Hi %tile >80	14%

## Reading

Lo %tile <21	17%
LoAvg %tile 21-40	23%
Avg %tile 41-60	28%
HiAvg %tile 61-80	17%
Hi %tile >80	15%

# Grade 1

## Math

	Fall	Winter
Lo %tile <21	13%	23%
LoAvg %tile 21-40	27%	30%
Avg %tile 41-60	25%	20%
HiAvg %tile 61-80	24%	22%
Hi %tile >80	12%	5%

## Reading

	Fall	Winter
Lo %tile <21	17%	26%
LoAvg %tile 21-40	24%	29%
Avg %tile 41-60	27%	21%
HiAvg %tile 61-80	19%	12%
Hi %tile >80	12%	12%

# Grade 2

## Math

	Fall	Winter
<b>Lo</b> %tile <21	13%	20%
<b>LoAvg</b> %tile 21-40	15%	22%
<b>Avg</b> %tile 41-60	29%	26%
<b>HiAvg</b> %tile 61-80	24%	24%
<b>Hi</b> %tile >80	19%	9%

## Reading

	Fall	Winter
<b>Lo</b> %tile <21	16%	27%
<b>LoAvg</b> %tile 21-40	25%	21%
<b>Avg</b> %tile 41-60	24%	28%
<b>HiAvg</b> %tile 61-80	18%	11%
<b>Hi</b> %tile >80	16%	12%

# Grade 3

## Math

	Fall	Winter
<b>Lo</b> %tile <21	28%	31%
<b>LoAvg</b> %tile 21-40	24%	29%
<b>Avg</b> %tile 41-60	24%	19%
<b>HiAvg</b> %tile 61-80	17%	16%
<b>Hi</b> %tile >80	7%	4%

## Reading

	Fall	Winter
<b>Lo</b> %tile <21	24%	27%
<b>LoAvg</b> %tile 21-40	19%	18%
<b>Avg</b> %tile 41-60	19%	22%
<b>HiAvg</b> %tile 61-80	19%	16%
<b>Hi</b> %tile >80	19%	17%

# Grade 4

## Math

	Fall	Winter
Lo %tile <21	18%	23%
LoAvg %tile 21-40	29%	30%
Avg %tile 41-60	27%	26%
HiAvg %tile 61-80	19%	18%
Hi %tile >80	8%	2%

## Reading

	Fall	Winter
Lo %tile <21	17%	22%
LoAvg %tile 21-40	25%	25%
Avg %tile 41-60	22%	17%
HiAvg %tile 61-80	25%	24%
Hi %tile >80	11%	12%

# Grade 5

## Math

	Fall	Winter
Lo %tile <21	25%	29%
LoAvg %tile 21-40	18%	22%
Avg %tile 41-60	19%	22%
HiAvg %tile 61-80	23%	22%
Hi %tile >80	15%	5%

## Reading

	Fall	Winter
Lo %tile <21	19%	20%
LoAvg %tile 21-40	20%	23%
Avg %tile 41-60	19%	22%
HiAvg %tile 61-80	31%	23%
Hi %tile >80	12%	12%

# Grade 6

## Math

	Fall	Winter
<b>Lo</b> %tile <21	25%	30%
<b>LoAvg</b> %tile 21-40	29%	28%
<b>Avg</b> %tile 41-60	26%	27%
<b>HiAvg</b> %tile 61-80	14%	10%
<b>Hi</b> %tile >80	6%	5%

## Reading

	Fall	Winter
<b>Lo</b> %tile <21	23%	26%
<b>LoAvg</b> %tile 21-40	20%	27%
<b>Avg</b> %tile 41-60	24%	25%
<b>HiAvg</b> %tile 61-80	24%	15%
<b>Hi</b> %tile >80	10%	8%

# Grade 7

## Math

	Fall	Winter
<b>Lo</b> %tile <21	24%	24%
<b>LoAvg</b> %tile 21-40	28%	29%
<b>Avg</b> %tile 41-60	24%	23%
<b>HiAvg</b> %tile 61-80	19%	17%
<b>Hi</b> %tile >80	6%	7%

## Reading

	Fall	Winter
<b>Lo</b> %tile <21	22%	22%
<b>LoAvg</b> %tile 21-40	23%	24%
<b>Avg</b> %tile 41-60	24%	26%
<b>HiAvg</b> %tile 61-80	21%	21%
<b>Hi</b> %tile >80	10%	8%



# Grade 8

## Math

	Fall	Winter
<b>Lo</b> %tile <21	18%	20%
<b>LoAvg</b> %tile 21-40	28%	26%
<b>Avg</b> %tile 41-60	20%	20%
<b>HiAvg</b> %tile 61-80	17%	17%
<b>Hi</b> %tile >80	17%	17%

## Reading

	Fall	Winter
<b>Lo</b> %tile <21	16%	19%
<b>LoAvg</b> %tile 21-40	24%	19%
<b>Avg</b> %tile 41-60	20%	23%
<b>HiAvg</b> %tile 61-80	21%	25%
<b>Hi</b> %tile >80	19%	14%

# Grade 9

## Math

	Fall	Winter
Lo %tile <21	28%	13%
LoAvg %tile 21-40	19%	18%
Avg %tile 41-60	22%	36%
HiAvg %tile 61-80	18%	18%
Hi %tile >80	14%	15%

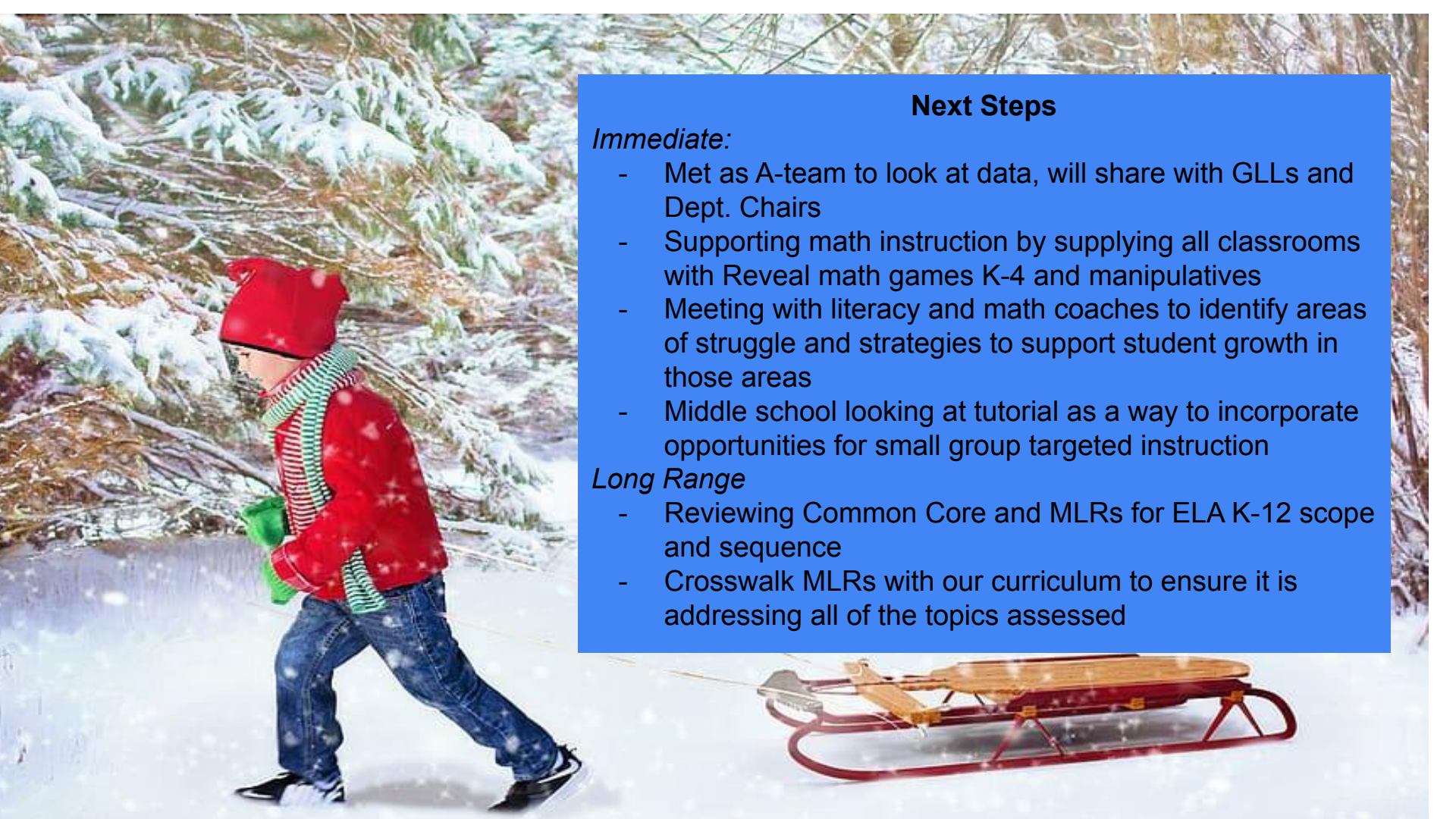
## Reading

	Fall	Winter
Lo %tile <21	28%	23%
LoAvg %tile 21-40	12%	17%
Avg %tile 41-60	23%	27%
HiAvg %tile 61-80	21%	20%
Hi %tile >80	15%	14%



## Takeaways

- We are making progress, just not to the pre-COVID benchmark which was last updated during the summer of 2020
- Tested in October and then in January with only 8 weeks of instruction
- Need to remember this is assessing many topics that will be covered in our curriculum during the second half of the school year
- We are still working to support our students in regaining the learning that went unfinished during the time COVID affected instruction (March 2019 - June 2020) which also include struggles with attendance
- As a district we need to continue to educate students and families on the importance of NWEA as the Maine Educational Assessment (MEA)



## Next Steps

### *Immediate:*

- Met as A-team to look at data, will share with GLLs and Dept. Chairs
- Supporting math instruction by supplying all classrooms with Reveal math games K-4 and manipulatives
- Meeting with literacy and math coaches to identify areas of struggle and strategies to support student growth in those areas
- Middle school looking at tutorial as a way to incorporate opportunities for small group targeted instruction

### *Long Range*

- Reviewing Common Core and MLRs for ELA K-12 scope and sequence
- Crosswalk MLRs with our curriculum to ensure it is addressing all of the topics assessed

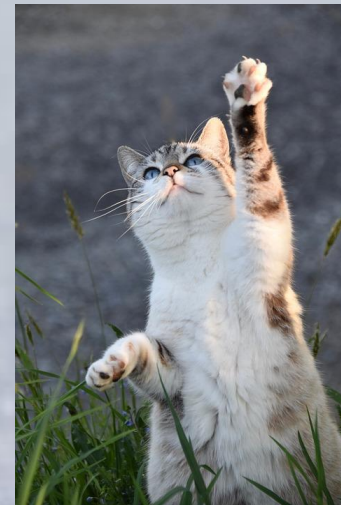
A vibrant spring field filled with yellow buttercup flowers and white daisies. The background is a soft, out-of-focus green, suggesting a lush meadow. The foreground shows several buttercups in sharp focus, with their bright yellow petals and dark centers clearly visible. Interspersed among them are a few white daisies with yellow centers. The overall scene is bright and cheerful, capturing the essence of early spring.

**Spring Testing Window**  
**NWEA**

May 1 - May 26  
Full Growth Assessment

**Spring Science Assessment**  
**Grades 5, 8 & 11**

May 15 - 26



**Any  
Questions?**

