Caledonia Community Schools

98b Student Achievement Update

February 2023

Cultivating Agile Learners

98b History

98b is state required, post-COVID 19, student achievement reporting in math and English language arts (ELA)

Report by proficiency or growth

Four Benchmark Assessment Possibilities (3x Per Year):
- NWEA MAP Test (Measures of Academic Progress)
- iReady
- Data Recognition Corp
- Renaissance Learning (STAR)

Framing the Data

As previously reported:

We anticipated a dip in our assessments due to:
    2020-21 school year
        ● not all students tested
        ● many students online and chose not to participate in testing
        ● not a typical year; not a depiction of all students

We did not see the drop in fall 2020 scores as anticipated

Framing the Data

After the 2020-2021 SY, with ongoing disruptions to learning, we did see a slight decrease in ELA and math scores in the fall of 2021

In the fall of 2022, after the 2021-2022 SY with more typical instructional consistency, we are seeing a rebound to fall of 2020 levels in math

Moving upward, but not yet returned to pre-COVID aggregate in ELA

Framing the Data

2021 to Current SY

Initiated a Teaching & Learning Framework for district (Dec 2021-Jan 2022)
Sought feedback from staff via tour in all buildings (Jan-Feb 2022)
Started to create & align 3-5 year priorities matching Strategic Plan (Mar 2022)
Reviewed & approved several Y5-12 tiered curriculum resources
Implemented priorities (Spring 2022 to Current)

NWEA Overview

Of the four earlier-referenced available assessments, we selected NWEA

The NWEA MAP Test (Measures of Academic Progress) is **an adaptive achievement and growth test**. It creates a personalized assessment experience by adapting to each student's learning level, precisely measuring progress and growth for each individual student.

- Subject Areas: Math & English Language Arts (ELA)
- Grades: K-8

Data Trends

Math demonstrated higher percentages than previous years
- 2020-2022: adoption of Tier I curriculum resources (K-8), which directly aligns with NWEA

Reading is more conceptual than linear (such as math)
- 2016-2020: district in upward trajectory
- 2021-2022: less instructional time due to COVID-19 related absences, impacting progress

District Overview: **Fall** Assessments
Percentage of Students At or Above Benchmark (41st %ile)
2017 to 2022

Reading 2017: 71%
Reading 2018: 75%
Reading 2019: 75%
Reading 2020: 82%
Reading 2021: 76%
Reading 2022: 77%

GROWTH: 6%

Math 2017: 71%
Math 2018: 74%
Math 2019: 75%
Math 2020: 78%
Math 2021: 77%
Math 2022: 78%

GROWTH: 7%

District Overview: **<u>Winter</u>** Assessments
Percentage of Students At or Above Benchmark (41st %ile)
2018 to 2023

Reading 2018: 75%
Reading 2019: 75%
Reading 2020: 78%
Reading 2021: 83%
Reading 2022: 77%
Reading 2023: 74%

GROWTH: -1%

Math 2018: 72%
Math 2019: 73%
Math 2020: 76%
Math 2021: 81%
Math 2022: 79%
Math 2023: 78%

GROWTH: 6%

Percent of Students Scoring <u>Above</u> the 50th Percentile on the NWEA-MAP Benchmark
All Students (K-8)

2017-2018

Fall Reading	**Fall Math**
62%	60%

Winter Reading	**Winter Math**
66%	61%

Change	**Change**
↑ +4%	↑ +1%

2018-2019

Fall Reading	**Fall Math**
66%	63%

Winter Reading	**Winter Math**
65%	63%

Change	**Change**
↓ -1%	0%

2019-2020

Fall Reading	**Fall Math**
66%	65%

Winter Reading	**Winter Math**
69%	66%

Change	**Change**
↑ +3%	↑ +1%

Percent of Students Scoring <u>Above</u> the 50th Percentile on the NWEA-MAP Benchmark
All Students (K-8)

2020-2021		2021-2022		2022-2023	
Fall Reading	**Fall Math**	**Fall Reading**	**Fall Math**	**Fall Reading**	**Fall Math**
73%	68%	68%	69%	69%	71%
Winter Reading	**Winter Math**	**Winter Reading**	**Winter Math**	**Winter Reading**	**Winter Math**
74%	72%	67%	69%	67%	69%
Change	**Change**	**Change**	**Change**	**Change**	**Change**
↑ +1%	↑ +4%	↓ -1%	0%	↓ -2%	↓ -2%

Percent of Students That Met Expected Growth on the NWEA-MAP Benchmark
All Students (K-8)

2022-2023

Fall-Winter Reading	**Fall-Winter Math**
53%	**50%**

Percent of Students Scoring <u>At or Above</u> the 41st Percentile on the NWEA-MAP Benchmark
All Subgroups (K-8)

Free /Reduced

Fall 22 Reading	Fall 22 Math
64%	61%

Winter 23 Reading	Winter 23 Math
61%	62%

Change	Change
↓ -3%	↑ +1%

Special Education

Fall 22 Reading	Fall 22 Math
52%	46%

Winter 23 Reading	Winter 23 Math
41%	49%

Change	Change
↓ -11%	↑ +3%

English Learner

Fall 22 Reading	Fall 22 Math
62%	45%

Winter 23 Reading	Winter 23 Math
42%	47%

Change	Change
↓ -20%	↑ +2%

Percent of Students Scoring <u>At or Above</u> the 41st Percentile on the NWEA-MAP Benchmark
All Subgroups (K-8)

Female

Fall 22 Reading	Fall 22 Math
80%	75%

Winter 23 Reading	Winter 23 Math
77%	75%

Change	Change
↓ -3%	0%

Male

Fall 22 Reading	Fall 22 Math
75%	80%

Winter 23 Reading	Winter 23 Math
71%	81%

Change	Change
↓ -4%	↑ +1%

Percent of Students Scoring <u>At or Above</u> the 41st Percentile on the NWEA-MAP Benchmark
All Subgroups (K-8)

Asian

Fall 22 Reading	Fall 22 Math
78%	67%

Winter 23 Reading	Winter 23 Math
60%	50%

Change	Change
↓ -18%	↓ -17%

Black

Fall 22 Reading	Fall 22 Math
52%	44%

Winter 23 Reading	Winter 23 Math
59%	50%

Change	Change
↑ +7%	↑ +6%

Hispanic

Fall 22 Reading	Fall 22 Math
72%	64%

Winter 23 Reading	Winter 23 Math
62%	62%

Change	Change
↓ -10%	↓ -2%

Percent of Students Scoring <u>At or Above</u> the 41st Percentile on the NWEA-MAP Benchmark
All Subgroups (K-8)

White

Fall 22 Reading	Fall 22 Math
78%	80%

Winter 23 Reading	Winter 23 Math
75%	80%

Change	Change
⬇ -3%	0%

Multi /Unknown

Fall 22 Reading	Fall '2 Math
79%	71%

Winter 23 Reading	Winter 23 Math
74%	72%

Change	Change
⬇ -5%	⬆ +1%

Questions?

Cultivating Agile Learners