
Status Report: Northwood School NH-SAS (3rd-8th)

Mike Ling - Director of Curriculum

Overview

2020-2022

3 years

March 1, 2023

- Assessment Participation
 - Assessment Proficiency over Time
 - Assessment Proficiency in Context
 - Student Achievement Levels
 - NWS growth and the 8th Grade Cohort
-

Assessment Participation - 2020

Assessment Participation

This is the # of students who took the test divided by the total # of students that were eligible. For DLM, the Assessment Participation measures the # of students who took the DLM test divided by the total student population. DLM is offered to students with the most significant cognitive disabilities

ELA Participation Rate

*COVID



Math Participation Rate

*COVID



Science Participation Rate

*COVID



DLM Participation - ELA

*COVID

DLM Participation - Math

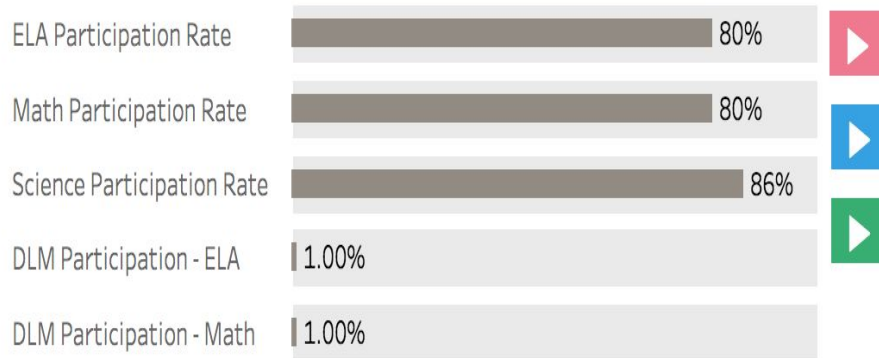
*COVID

- **NH-SAS 2020**
 - **Suspended across the state due to Covid**
 - **Data inconclusive**

Assessment Participation - 2021

Assessment Participation

This is the # of students who took the test divided by the total # of students that were eligible. For DLM, the Assessment Participation measures the # of students who took the DLM test divided by the total student population. DLM is offered to students with the most significant cognitive disabilities



NH-SAS 2021

- ELA: 80%
- Math: 80%

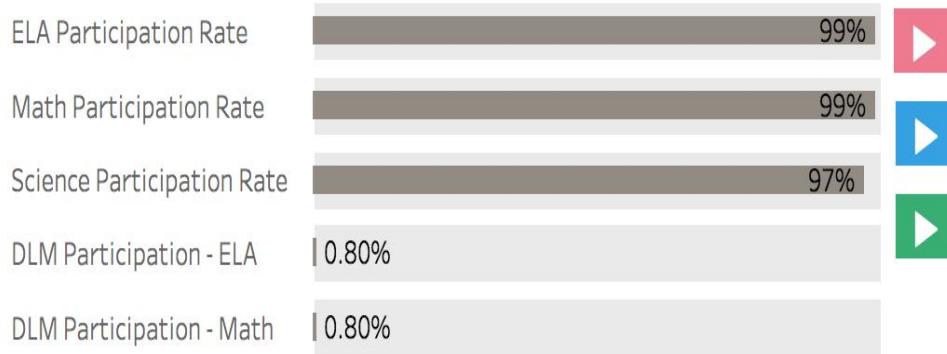
Science: 5th and 8th

- 86% of students
-

Assessment Participation - 2022

Assessment Participation

This is the # of students who took the test divided by the total # of students that were eligible. For DLM, the Assessment Participation measures the # of students who took the DLM test divided by the total student population. DLM is offered to students with the most significant cognitive disabilities



NH-SAS 2022

- ELA: 99%
- Math: 99%

Science: 5th and 8th

- 97% of students
-

2020: Covid

No Data
Recorded

NH - SAS: Assessment
Participation
Comparison

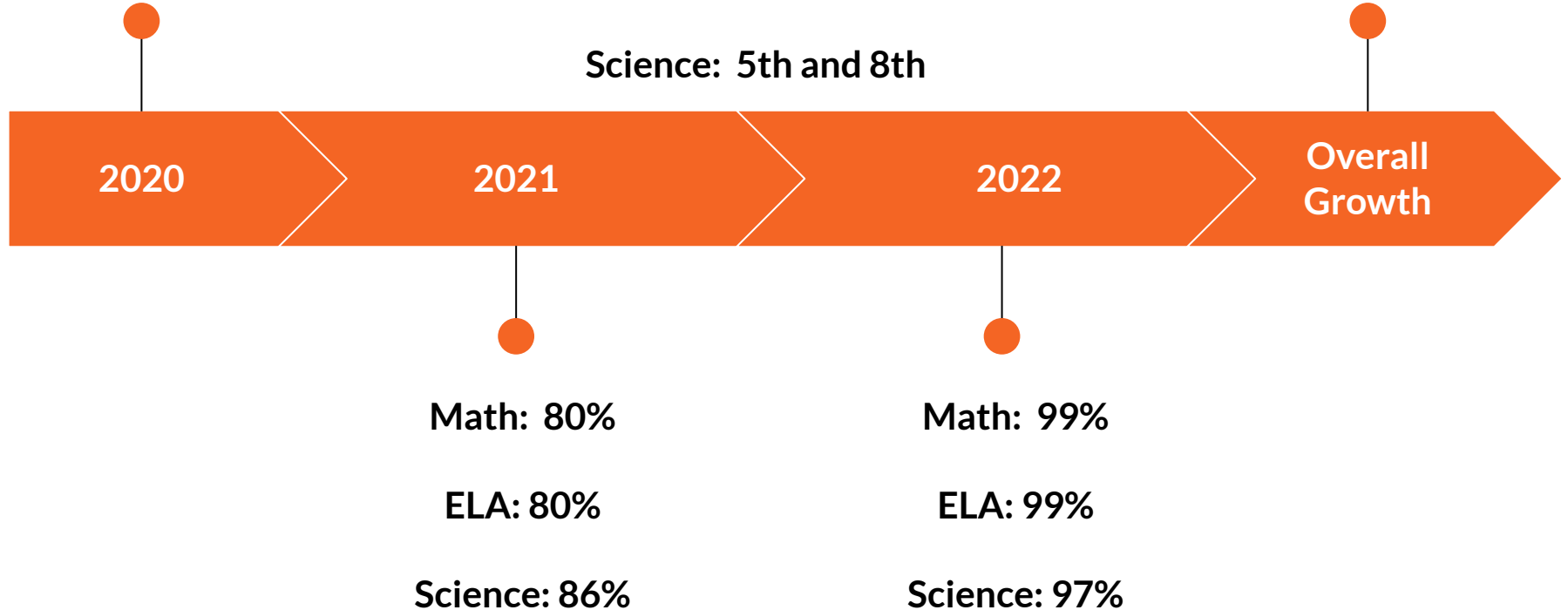
Math/ELA: 3rd-8th

Science: 5th and 8th

Math: +19%

ELA: +19%

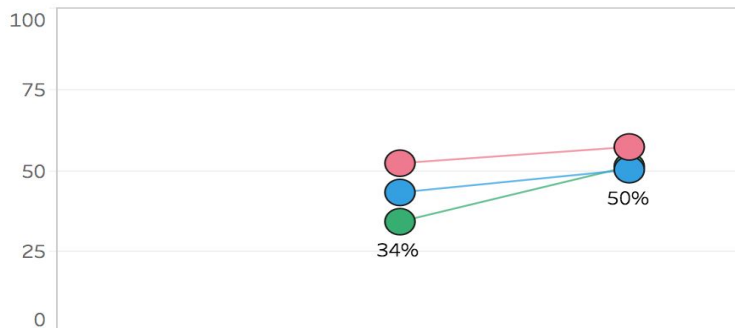
Science: +11%



Assessment Proficiency: 2020-2022

Assessment Proficiency Over Time

■ ELA Proficiency ■ Math Proficiency ■ Science Proficiency



		2020	2021	2022
ELA Proficiency	District	*COVID	52%	57%
	School	*COVID	52%	57%
	State	*COVID	52%	51%
Math Proficiency	District	*COVID	43%	50%
	School	*COVID	43%	50%
	State	*COVID	38%	40%
Science Proficiency	District	*COVID	34%	51%
	School	*COVID	34%	51%
	State	*COVID	37%	37%

Overall proficiency compared to State

Schoolwide ELA: 2021 - 52%
2022 - 57%

- +5% total schoolwide growth

Statewide ELA: 2022 - 51%

- +6% above statewide average

Schoolwide Math: 2021 - 43%
2022 - 50%

- +7% total schoolwide growth

Statewide Math: 2022 - 40%

- +10% above statewide average

Schoolwide Science: 2021 - 34%
2022 - 51%

- +17% total schoolwide growth

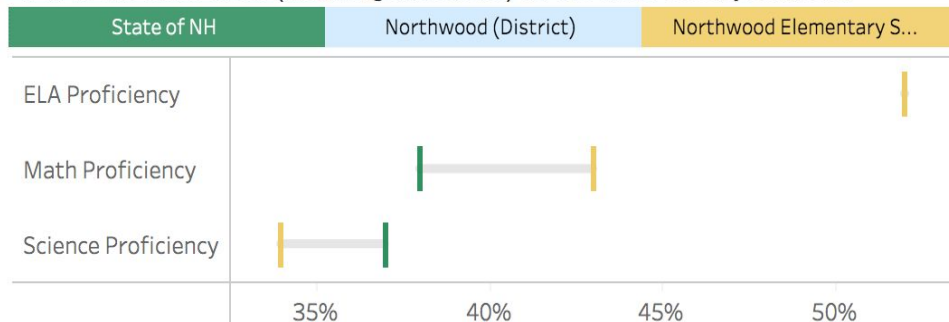
Statewide Science: 2022 - 37%

- +14% above statewide average

Assessment Proficiency In Context 2021

Assessment Proficiency in Context

Proficiency as compared with the district (including all schools in the district) as well as the state of NH (including all schools) across all three subject areas.



		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
ELA Proficiency	School	37%	69%	55%	66%	50%	38%
	District	37%	69%	55%	66%	50%	38%
	State	44%	49%	54%	51%	51%	49%

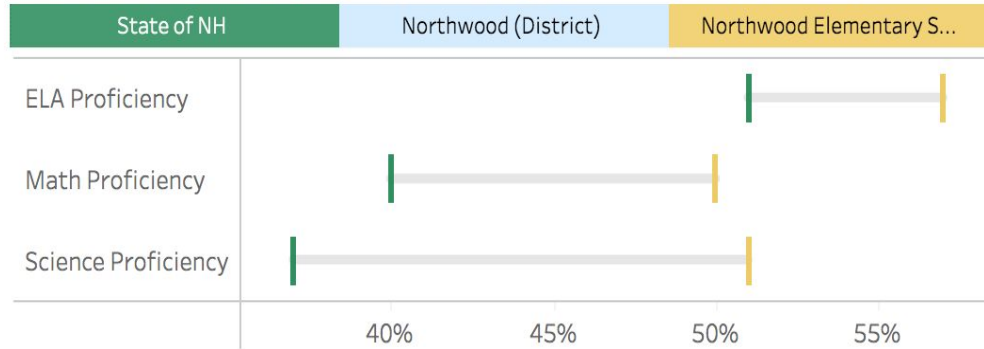
		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Math Proficiency	School	41%	65%	42%	51%	45%	23%
	District	41%	65%	42%	51%	45%	23%
	State	45%	41%	33%	35%	34%	33%

		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Science Proficiency	School	N/A	N/A	45%	N/A	N/A	26%
	District	N/A	N/A	45%	N/A	N/A	26%
	State	N/A	N/A	35%	N/A	N/A	34%

Assessment Proficiency In Context 2022

Assessment Proficiency in Context

Proficiency as compared with the district (including all schools in the district) as well as the state of NH (including all schools) across all three subject areas.















		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
ELA Proficiency	School	25%	63%	80%	73%	45%	58%
	District	25%	63%	80%	73%	44%	58%
	State	45%	48%	54%	53%	49%	46%

		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Math Proficiency	School	33%	63%	46%	73%	48%	38%
	District	33%	63%	46%	73%	49%	38%
	State	51%	48%	38%	39%	37%	33%













		Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Science Proficiency	School	N/A	N/A	60%	N/A	N/A	44%
	District	N/A	N/A	60%	N/A	N/A	44%
	State	N/A	N/A	38%	N/A	N/A	33%

Assessment Proficiency In Context: Comparison Summary

ELA

Grade	3rd	4th	5th	6th	7th	8th
School	-12% 	-6% 	+25% 	+7% 	-5% 	+20% 
State	-20% 	+15% 	+26% 	+20% 	-4% 	+12% 
Totals	25/45	63/48	80/54	73/53	45/49	58/46

Math

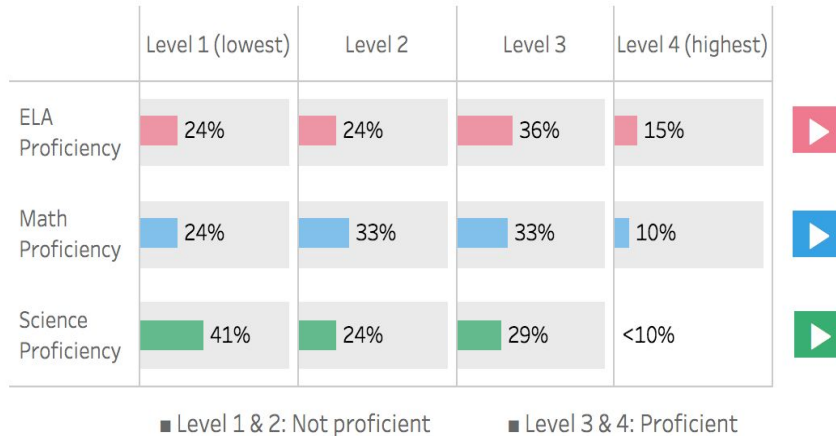
Grade	3rd	4th	5th	6th	7th	8th
School	-8% 	-2% 	+4% 	+22% 	+4% 	+15% 
State	-18% 	+15% 	+8% 	+34% 	+8% 	+5% 
Totals	33/51	63/48	46/38	73/39	49/37	38/33

Science: 5th grade demonstrated a **+15% gain** from 2021 and is **+22% higher** than the state proficiency level overall.
8th grade demonstrated an **+18% gain** from 2021 and is **+11% higher** than the state proficiency level overall.

Student Achievement Levels - 2021

Student Achievement Levels

Student achievement is measured across 4 levels of proficiency. Level 1 & 2 are considered not proficient and Level 3 & 4 are considered proficient. The percentage of students who did not take the assessment are not shown here.



NH-SAS School Totals - 2021

ELA: Below (Level 1&2) - 48%
Proficient (Level 3&4) - 51%

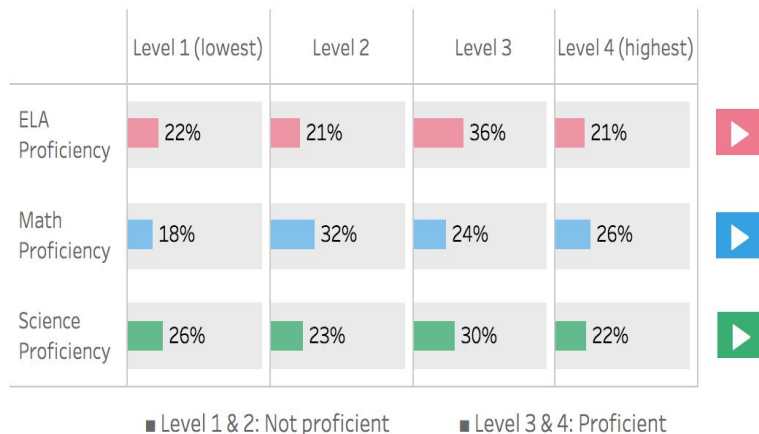
Math: Below (Level 1&2) - 57%
Proficient (Level 3&4) - 43%

Science: 5th and 8th:
Below (Level 1&2) - 65%
Proficient (Level 3&4) - 35%

Student Achievement Levels - 2022

Student Achievement Levels

Student achievement is measured across 4 levels of proficiency. Level 1 & 2 are considered not proficient and Level 3 & 4 are considered proficient. The percentage of students who did not take the assessment are not shown here.



NH-SAS School Totals - 2022

ELA: Below (Level 1&2) - 43%
Proficient (Level 3&4) - 57%

Math: Below (Level 1&2) - 50%
Proficient (Level 3&4) - 50%

Science: 5th and 8th:
Below (Level 1&2) - 49%
Proficient (Level 3&4) - 52%

2020: Covid

No Data
Recorded

NH - SAS: Student
Achievement
Comparison

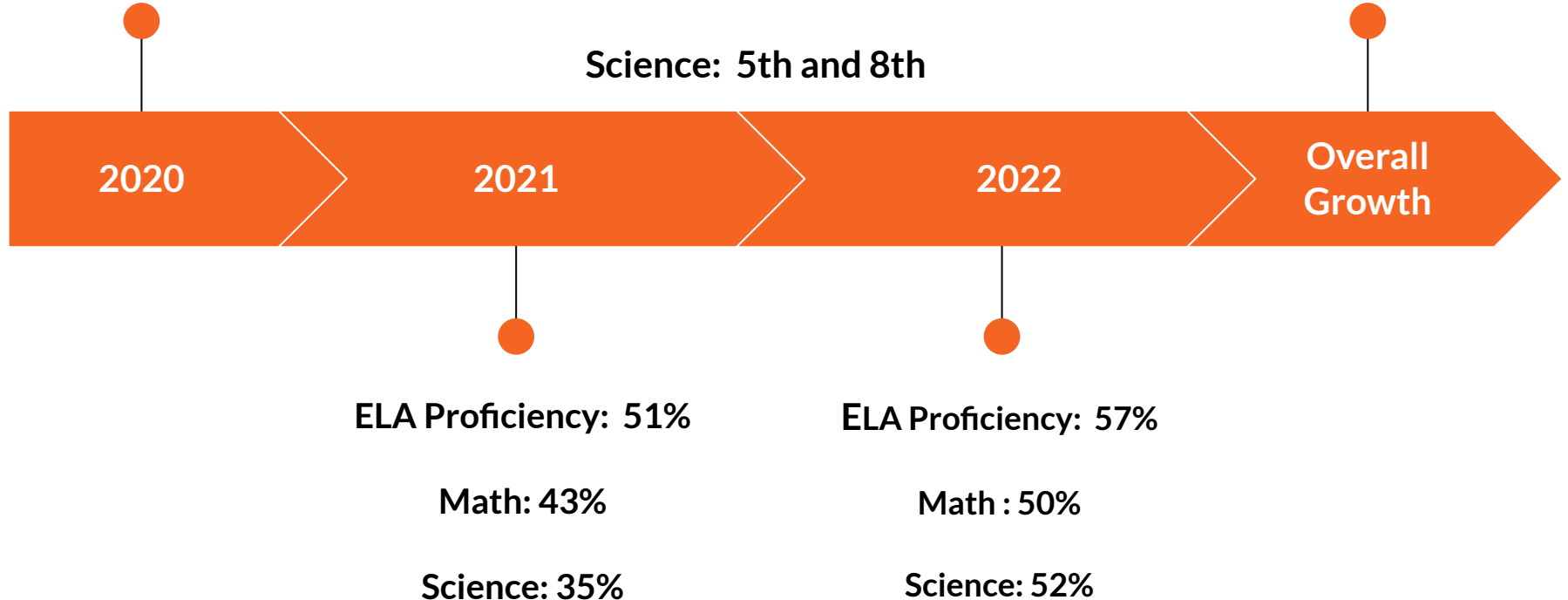
Math/ELA: 3rd-8th

Science: 5th and 8th

ELA: +6%

Math: +7%

Science: +17%



Northwood School Growth and 8th Grade Cohort



ACADEMIC GROWTH

The **Mean Growth Percentile (MGP)** ⓘ for students offers a dynamic way of looking at academic growth by comparing a student's growth with that of his or her academic peers. The MGP is only used for students in grades 4-8 and requires two consecutive years of assessment results. **Assessment and Accountability results displayed may have been affected by the COVID-19 Pandemic.**

English Language Arts

ELA MGP across all students who attended school in the district.



NH State Mean Growth %

Mathematics

Math MGP across all students who attended school in the district.



Northwood Mean Growth %

ELA Growth	50
Math Growth	50

ELA Growth	56
Math Growth	64

Points to note:

- NWS growth percentiles show above average growth compared to the state and surrounding areas.
- NWS mean growth percentiles are in the TOP 25% for the state when compared to academic peers.
- NWS 8th grade cohort (4th-8th grade) produced an overall growth of 2% across the 4 years of their time @ NWS.

Northwood School NH-SAS Summary:

1. Assessment Participation:
 - NWS assessment participation schoolwide gained 19% in both ELA and Math participation and 11% in Science for the 5th and 8th grade assessment.
 2. Assessment Proficiency:
 - NWS assessment proficiency schoolwide gained percentage points in all subjects with +6% in ELA and double digit gains in Math (+10%) and Science (+14%) for the 5th and 8th grade assessment.
 3. Student Achievement Levels:
 - NWS student achievement schoolwide gained percentage points in all subjects with +6% in ELA, +7% in Math, and +17% in Science for the 5th and 8th grade assessment.
 4. NWS Academic Growth and Cohort Comparison:
 - NWS displayed better than average growth compared to other peers in NH. This placed NWS in the TOP 25% bracket for Mean Growth within the state. The 8th grade cohort achieved +2% gains/growth across all subjects from the span of their 4th - 8th grade years.
-

Final Thoughts

Northwood School NH-SAS 2020 - 2022:

- Since returning to the school building full time after the pandemic, NWS has seen consistent improvement, learning, and growth across entire grade levels spanning 3rd - 8th grade.
- These benchmarks of growth have outpaced and performed not only overall state statistics, but have also done well compared to their academic peers from 4th - 8th grade in ELA/Math, and within the 5th and 8th grade Science assessments.
- This growth, achievement, and proficiency is a wonderful testament to the hard work, commitment, and efforts put forth by all teachers, paraprofessionals, and staff here at NWS!
- Well done everyone!

Data Sources: <https://www.education.nh.gov/who-we-are/division-of-educator-and-analytic-resources/iplatform>
