Northwestern Regional School District No. 7 Summative Assessment Results Overview 2023

Regional School District No. 7
The Pride of the Northwest Corner

Northwestern Regional School District No. 7 Theory of Action
2023-24

1. **Theory of Action for <u>Improved Student Achievement</u>**
    a. <u>Curriculum and Instruction</u>: **If** we develop an aligned, well resourced, and viable CCSS based curriculum that supports the delivery of high impact instructional strategies, **then** student learning and achievement will increase.
    b. <u>Assessment</u>: **If** we establish rigorous formative and summative school based assessments that are aligned with the CCSS, **then** we can target high impact instructional strategies on the areas of greatest student need and the pace of achievement will increase.
    c. <u>Social, Emotional and Academic Development</u>: **If** we model explicit instruction in understanding and applying SEL competencies, embed opportunities to practice these skills, and provide a healthy, safe, purposeful learning environment, **then** student achievement will improve.
2. **Theory of Action Regarding <u>Professional Development and Collaboration</u>**
    a. **If** we provide opportunities for our teachers to engage in collaborative analysis of student work and assessment results so teachers work together in order to refine their teaching, **then** instructional quality and efficiency will improve and student achievement will increase.
    b. **If** we provide on-going, job embedded opportunities for teachers to offer and receive feedback regarding their instructional strategies (through PLCs, peer coaching, instructional rounds, and observation feedback), **then** instructional quality and efficiency will improve and student learning will increase.
    c. **If** we provide faculty and staff with on-going social and emotional skills training, **then** we will foster a school district that embodies social, emotional and cognitive learning for every member of our community.
3. **Theory of Action Regarding <u>Communication</u>**
    a. **If** we communicate and engage effectively with all stakeholders, **then** we create shared ownership of the district's mission and vision to meet the academic, social and emotional needs of our students and learning will increase.

SBA and NGSS Achievement Levels

Level 1: **Does not** meet standard

Level 2: **Approaching** the standard

Level 3: **Meets** the achievement standard

Level 4: **Exceeds** the achievement standard

Northwestern Middle School

SBA Summative Results 2023
Math and ELA

7th and 8th Grade	2023
Math	61%
ELA	68%

Percentage of students that met/exceeded goal

Northwestern Middle School

SBA Summative Results 2023

NGSS

8th Grade	2023
NGSS	71%

Percentage of students that met/exceeded goal

Northwestern Middle School

Summative Assessment Results

	2019	2020	2021	2022	2023
ELA	73%	No Data	58%	62%	68%
Math	47%	No Data	34%	50%	61%
NGSS	63%	No Data	58%	64%	71%

Percentage of students that met/exceeded goal

2023 Smarter Balanced Summative Assessment

Math Achievement Results

	Grade 7	Grade 8
Northwestern	59%	65%
State of CT	39.9%	36.2%

Percentage of students that met/exceeded goal

2023 Smarter Balanced Summative Assessment

ELA Achievement Results

	Grade 7	Grade 8
Northwestern	63%	73%
State of CT	48.8%	48.5%

Percentage of students that met/exceeded goal

Class of 2027 Cohort Trend

Summative Assessment Results

	2018-2019 4th Grade	2019-2020 5th Grade	2020-21 6th Grade	2021-22 7th Grade	2022-23 8th Grade
Math	67%	No Data	57%	64%	65%
ELA	69%	No Data	69%	69%	73%

Percentage of students that met/exceeded goal

Class of 2028 Cohort Trend

Summative Assessment Results

	2018-2019 3rd Grade	2019-2020 4th Grade	2020-2021 5th Grade	2021-2022 6th Grade	2022-2023 7th Grade
Math	62%	No Data	38%	44%	59%
ELA	61%	No Data	63%	53%	63%

Percentage of students that met/exceeded goal

2023 Smarter Balanced Summative Assessment

Special Education Students

ELA and Math Achievement Results

	Grade 7	Grade 8
ELA	25%	61%
Math	12%	30%

Percentage of students that met/exceeded goal

Northwestern Regional High School

- **Overview of the PSAT/SAT**
- **Class of 2024 Cohort: PSAT/SAT Results**
- **2023 Advanced Placement Tests**
- **NGSS Results**
- **In Response to Data Trends**

Overview of the PSAT and SAT

- PSAT 8/9: 9th Grade
- PSAT/NMSQT: 10th and 11th grade
  - National Merit Scholarship Qualifying Test
    - 11th graders are eligible for National Merit Scholarship (and additional scholarship opportunities) based on performance
- SAT: 11th grade
  - Spring of Junior year
  - Test is now administered electronically (as of Spring 2022)

Class of 2023 Cohort: PSAT/SAT Results

Test	Date	Number of Students	Results
10th Grade PSAT	October 2020	143 Students	Mean: 933 ELA: 473 Math: 460
11th Grade PSAT	October 2021	144 Students	Mean: 983 ELA: 503 Math: 480
11th Grade SAT	March 2022	142 Students	Mean: 1023 ELA: 523 Math: 500

Class of 2024 Cohort: PSAT/SAT Results

Test	Date	Number of Students	Results
10th Grade PSAT	October 2021	124 students	Mean: 954 ELA: 488 Math: 466
11th Grade PSAT	October 2022	125 students	Mean: 1016 ELA: 517 Math: 499
11th Grade SAT	March 2023	123 Students	Mean: 1060 ELA: 532 Math: 528

Northwestern Regional High School Comparison Data
NWR7 v. State v. Nation SAT performance/ SAT school day administration 2023

	Mean	ELA	Math
NWR7	1060	532	528
CT	975	493	482
Nation	960	490	470

Advanced Placement Tests

During the 2022-23 school year, **83** AP students completed **137** AP tests**. 81% of students scored a 3+** (pass rate).

Summary of Northwestern's AP test performance from 2018-2023

	2018	2019	2020	2021	2022	2023
Number of AP Classes Offered	12	11	11	11	13	13
Total AP Students	102	115	108	99	106	83
Number of Exams	164	183	175	161	168	137
AP Students with Scores 3+	90	103	98	81	88	67
% of Total AP Tests with Score of 3+	88%	90%	90%	83%	86%	84%

2023 AP Scores: NWR7 Average at Goal (3+)

- AP US History: 94.7%
- AP US Gov. and Politics: 93.8%
- AP Comp. Gov and Politics: 92.3%
- AP European History: 100%
- AP Psychology: 41.2%
- AP Statistics: 100%
- AP Calculus AB: 100%
- AP Calculus BC: 100%
- AP Biology: 90%
- AP Environmental: 71.4%
- AP Chemistry: 100%
- AP Eng. Lang: 81.3%
- AP Eng. Lit: 100%

Next Generation Science Standards (NGSS)

The **Next Generation Science Standards** is a multi-state effort in the United States to create new education standards that are rich in content and practice, arranged in a coherent manner across disciplines and grades to provide all students an ***internationally benchmarked science education***.

NGSS measures 3 areas of science:

- Earth/Space sciences
- Life sciences
- Physical sciences

Northwestern Regional High School: NGSS Data 2019-2023

2019	2020	2021	2022	2023
63%	No Data	56%	61%	67%

Percentage of students that met/exceeded goal


The Pride of the Northwest Corner