2022-2023 Student Achievement Report

Presentation to the Board of Education
December 14, 2023

Data & Accountability in Carle Place

Ted Cannone, Ed.D.
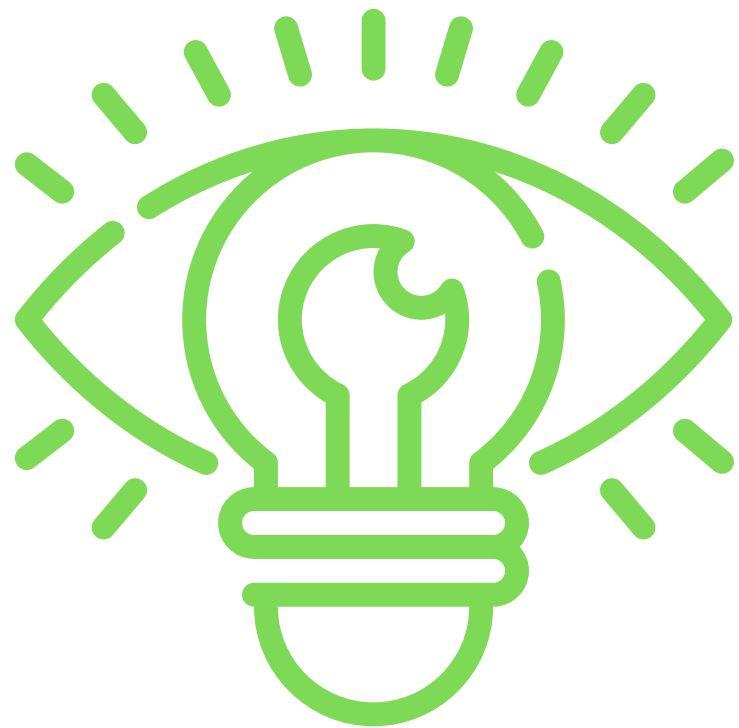
Superintendent of Schools

It begins with the mission…

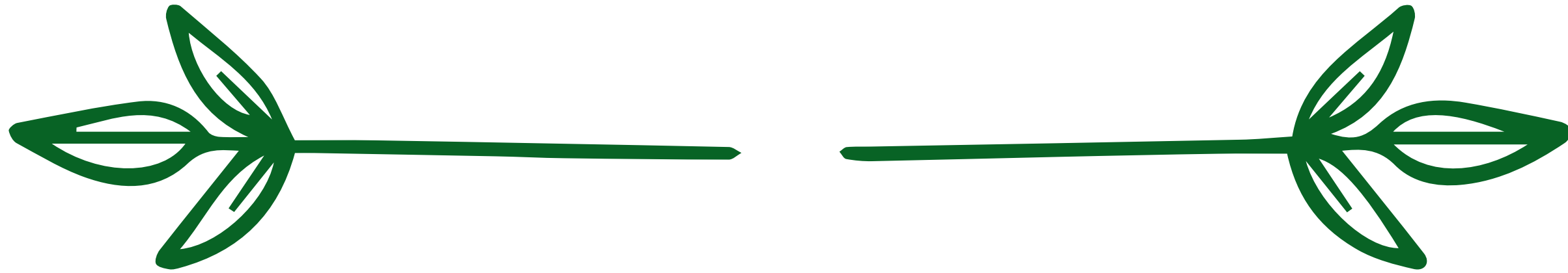- Nurturing Compassion and *P*assion
- Honoring Tradition
- Inspiring Excellence
- Shaping Our Future …Together

and a vision…

of active learning and agency within, between, and beyond the classroom where students, teachers, and administrators collaborate to create a continuous cycle of success.

"THE KEY TO GOOD DECISION MAKING IS EVALUATING THE AVAILABLE INFORMATION – THE DATA – AND COMBINING IT WITH YOUR OWN ESTIMATES OF PLUSES AND MINUSES."

~EMILY OSTER

Intended Outcomes

- to **explain** WHY we analyze data
- to **share** how we analyze data
- to **recommend** next steps based on findings
- to **set** a course that moves Carle Place Schools forward and up

Why do data analysis?

- to **evaluate** the effects of instruction and assessment in the past year

- to **analyze** the data for important trends and anomalies

- to **share** information with stakeholders and the community

- to **form** evidence-based ideas for next steps

- to **adjust** curriculum and instruction to enhance what students know, understand, and are able to do

How are we analyzing data?

- Evaluating national, NY State, and local assessment data
- Examining large data sets by standard and skill
- Examining small data sets by class and student
- Identifying positive and negative gaps in achievement
- Making diagnoses and prescriptions for whole-class instruction and small-group or individual intervention.

Important Data Streams
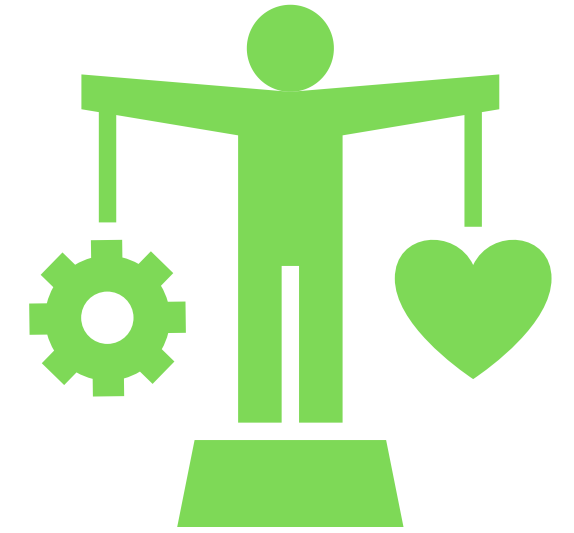
- **Quantitative**
- **Qualitative**
- **Local, State, and National**
- **Teacher Insights & Observations**

These data allow us to strike a balance between instruction, assessment, and common sense.
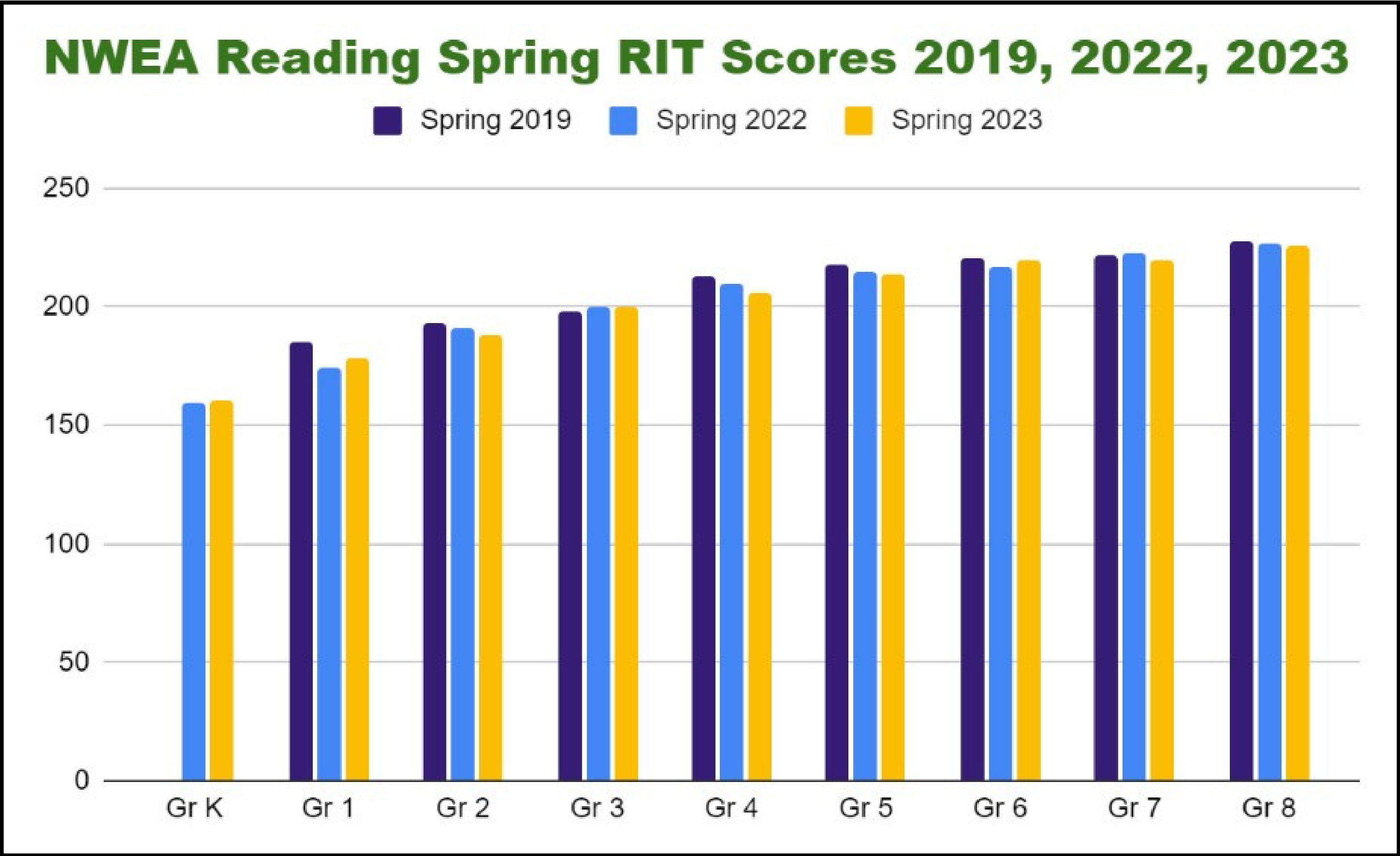
NWEA Assessments
Grades K-8

Why did* we use NWEA?

- **New York State requires** a norm-referenced universal screening assessment for reading and mathematics.
  - We used NWEA from fall 2011 through spring 2023*.
- **Norm-referenced** tests measure students' performance and yield a percentile score. NWEA also provides a *RIT* score for individuals
  - *RIT* scores tells us where students are "*R*eady for *I*nstruction *T*oday".
  - Percentile scores shows a student's performance relative to other individuals of the same age or grade, like a babies' score for weight or length.
- **Universal screeners** are meant to be taken by all students.

*In spring 2023, the district decided to switch to the **iReady** universal screener. It measures the same aspects of reading and mathematics as NWEA. iReady is more user-friendly for students and simpler to administer. We will report iReady data in the coming years.

NWEA Reading Spring RIT Scores 2019, 2022, & 2023

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NWEA Math Spring RIT Scores 2019, 2022, & 2023
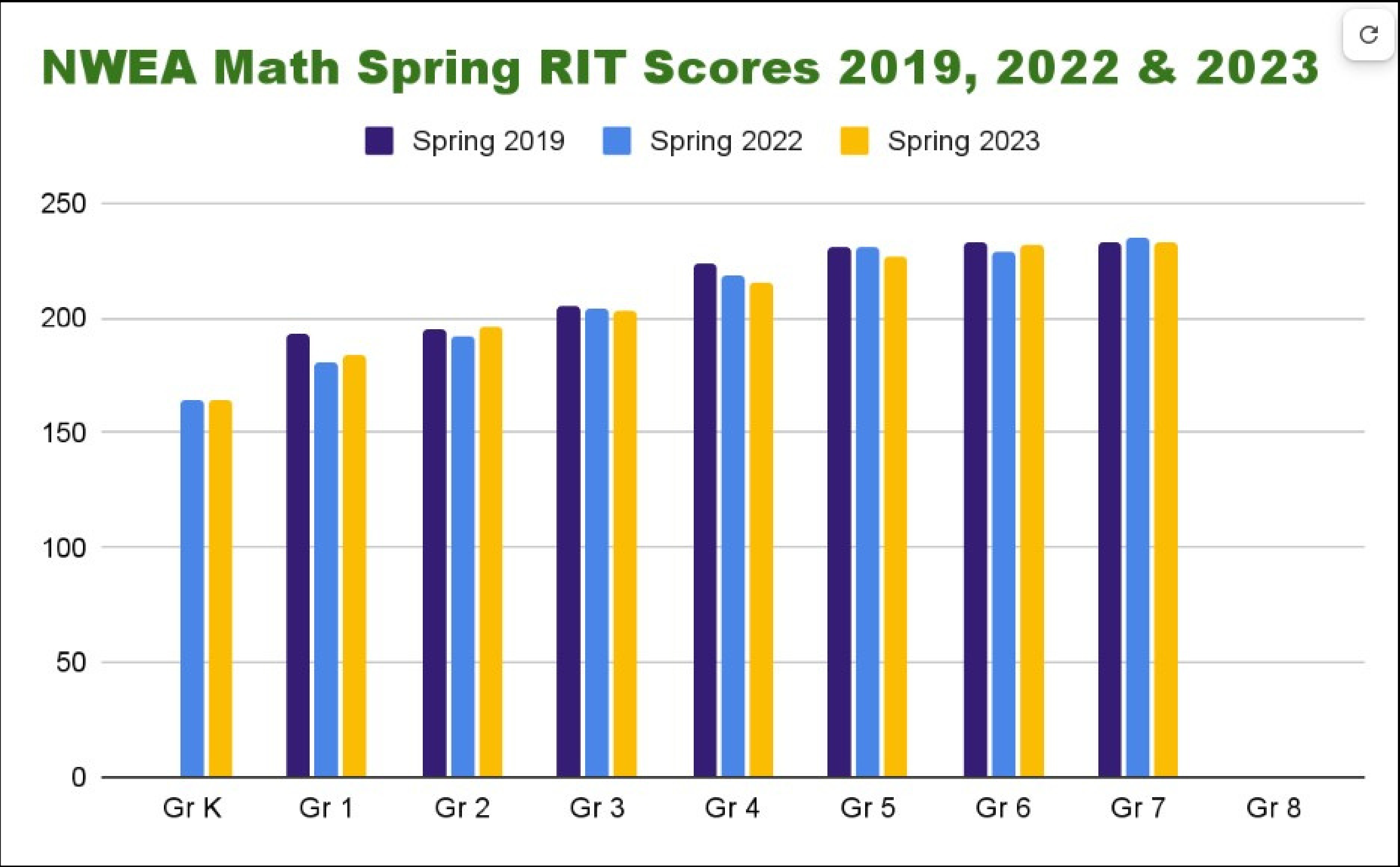
*Grade 8 was not tested in Math

**Grade K was not tested in Math in 2019

New York State Assessments Grades 3-8
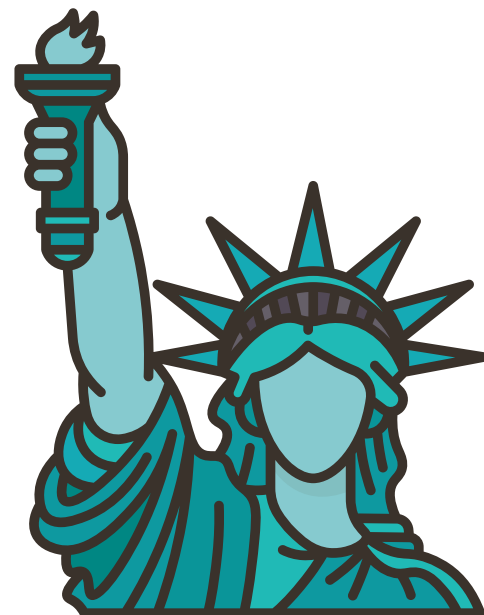
Some history on NY State Testing

- **2018-19:** Traditional, two-day testing with multiple choice and constructed response questions.

- **2019-20:** No NY State exams. Schools close March 2020.

- **2020-21:** Abbreviated, 1-day testing. Multiple choice only, with previously-released questions.

- **2021-22:** Traditional two-day testing returns with multiple choice and constructed response questions.

- **2022-23:** Traditional testing continues

NY State ELA Testing Opt-Out History

	Grade 3 Opt-Out Rate	Grade 4 Opt-Out Rate	Grade 5 Opt-Out Rate	Grade 6 Opt-Out Rate	Grade 7 Opt-Out Rate	Grade 8 Opt-Out Rate	Grades 3-8 Avg. Opt-Out Rate
2017-18	33%	42%	37%	51%	48%	77%	48%
2018-19	21%	32%	36%	36%	47%	80%	42%
2019-20	No test	No test	No test	No test	No test	No test	No test
2020-21	33%	31%	23%	35%	36%	73%	45%
2021-22	15%	30%	23%	29%	34%	47%	30%
2022-23	**10%**	**28%**	**28%**	**27%**	**31%**	**39%**	**27%**

ELA: Percent Testing at Levels 3 & 4

Grade	2018-19	2019-20	2020-21	2021-22	2022-23
3	72%	N/A	72%	63%	59%
4	80%	N/A	80%	64%	65%
5	49%	N/A	49%	54%	63%
6	73%	N/A	73%	72%	75%
7	58%	N/A	58%	65%	62%
8	78%	N/A	95%	48%	73%

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NY State Math Testing Opt-Out History

	Grade 3 Opt-Out Rate	Grade 4 Opt-Out Rate	Grade 5 Opt-Out Rate	Grade 6 Opt-Out Rate	Grade 7 Opt-Out Rate	Grade 8 Opt-Out Rate	Grades 3-8 Avg. Opt-Out Rate
2017-18	33%	42%	37%	54%	48%	77%	50%
2018-19	21%	32%	36%	36%	47%	80%	41%
2019-20	No test	No test	No test	No test	No test	No test	No test
2020-21	33%	31%	23%	35%	36%	73%	38%
2021-22	15%	30%	23%	29%	34%	57%	32%
2022-23	12%	26%	27%	25%	32%	83%	32%

Math: Percent Testing at Levels 3 & 4

Grade	2018-19	2019-20	2020-21	2021-22	2022-23
3	69%	N/A	80%	67%	73%
4	81%	N/A	77%	82%	77%
5	63%	N/A	71%	89%	82%
6	94%	N/A	67%	70%	86%
7	53%	N/A	46%	57%	70%
8*	35%	N/A	33%	11%	64%

High School Assessments

NY State: Regents, SUPA

National: Advanced Placement
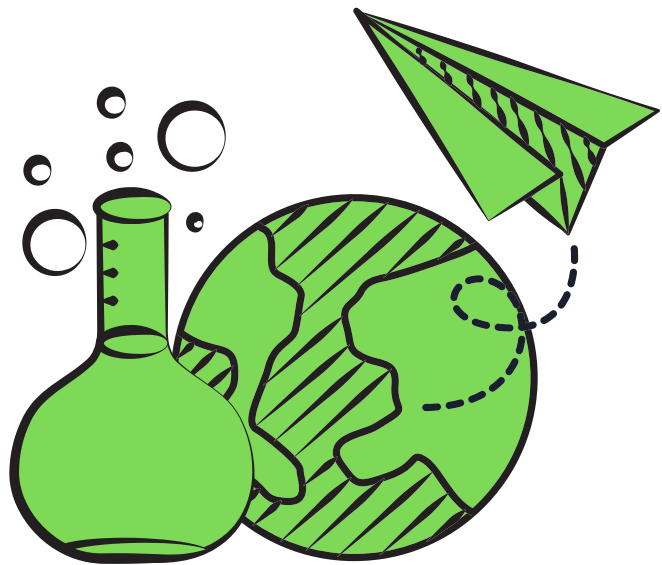
Carle Place High School - Profile for Class of 2023

84 Graduates

- Regents Diploma Status or Higher = 98.8%

- 79.8% Earned a Regents Diploma with Advanced Designation or above

- 22.6% Earned Advanced Designation with Honors

- 19.0% Earned a Regents Diploma

- 1.2% Earned a Regents Diploma with CTE Endorsement

- 1.2% Earned a Local Diploma with CTE Endorsement

Regents: Passing (65+) and Mastery (85+)

Regents Exam	2021-22 Passing	2021-22 Mastery	2022-23 Passing	2022-23 Mastery
CC Algebra I	97%	14%	**94%**	**23%**
CC Algebra II	89%	27%	**97%**	**25%**
CC Geometry	86%	21%	**71%**	**13%**
Global History (New Framework)	96%	43%	**92%**	**51%**
US History & Government (New Framework)	Cancelled by NYSED		**97%**	**37%**

Regents: Passing (65+) and Mastery (85+)

Regents Exam	2021-22 Passing	2021-22 Mastery	2022-23 Passing	2022-23 Mastery
CC English	94%	54%	92%	61%
Chemistry	78%	19%	41%	1%
Earth Science	86%	43%	85%	45%
Living Environment	83%	37%	87%	32%
Physics	58%	21%	89%	42%

2023 World Language Exams

Exam Name	Total Students	Passing Rate	Mastery Rate
Italian A	29	100%	75%
Italian B	9	100%	89%
Spanish A	72	100%	89%
Spanish B	60	98%	70%

Levels of Advanced Placement (AP) Achievement

	2020-21	**2021-22**	**2022-23**
Students	138	152	140
Exams	263	316	294
Score 3+	78.3%	72.4%	73.6%
Score 4+	40.3%	38.6%	38.4%
Score 5	17.9%	13.6%	16.7%

AP Enrollment /Average Scores: 2019-2023

	2018-19	2019-20*	2020-21	2021-22	2022-23	2023 Global Avg.
Calculus AB	18/3.11	31/2.77	20/3.25	19/2.89	26/2.88	2.99
Statistics	NA	10/3.00	30/2.67	35/2.29	30/2.23	2.88
Italian	9/3.33	1/5.00	6/3.83	8/3.88	N/A	N/A
Spanish	6/4.00	9/3.56	12/3.42	20/2.55	12/3.58	3.56
Seminar	NA	NA	30/3.37	25/3.48	22/3.23	3.23
Research	NA	NA	NA	6/2.17	3/2.33	3.34

AP Enrollment/Average Scores: 2019-2023

	2018-19	2019-20*	2020-21	2021-22	2022-23	2023 Global Avg.
English Language	43/2.88	21/3.52	26/3.67	42/3.33	32/3.06	2.82
English Literature	8/3.00	3/3.00	5/2.80	4/4.50	6/4.17	3.26
World History: Modern	21/3.90	25/3.60	33/3.61	36/3.47	24/4.21	3.04
US History	42/3.07	34/3.53	35/3.34	38/3.16	38/2.82	2.54
European History	20/3.40	11/3.36	11/3.55	5/3.60	7/3.57	2.95

AP Enrollment /Average Scores: 2019-2023

	2018-19	2019-20*	2020-21	2021-22	2022-23	2023 Global Avg.
Physics 1	8/2.13	9/2.78	5/2.20	7/2.14	12/3.08	2.55
Biology	15/2.67	18/3.28	7/3.71	15/4.00	35/3.69	3.04
Chemistry	12/2.25	5/2.80	6/2.50	7/2.14	6/2.50	3.26
Env. Science	8/3.63	6/2.17	6/4.17	8/3.75	9/3.78	2.79
Psychology	39/3.13	25/4.00	29/3.03	39/2.59	30/2.90	2.89

Advanced Placement Scholars

	2018-19	2019-20*	2020-21	2021-22	2022-23
SCHOLARS	23	15	15	24	34
WITH HONOR	14	21	8	9	11
WITH DISTINCTION	11	9	16	22	17

College-Level Course Participation

Syracuse University (SUPA)

- **Chemistry**
- **Economics**
- **Forensics**
- **Personal Finance**
- **Presentational Speaking**

LIU

- **Accounting**
- **Virtual Enterprise 1 & 2**
- **Creative Writing**

Farmingdale State College

- **Pre-Calculus**

Year	Enrollment*
2022-23	243
2021-22	260
2020-21	226

*Includes students with disabilities and English Language Learners

Data-Driven Priorities & Areas of Need

- Enhance K-12 assessment data review protocols to align assessment results with instructional priorities.

- Identify, articulate and align evidence-based Multi-Tiered System of Support (MTSS) practices K-12.

- Expand professional learning opportunities to Instructional Support Teams (IST).

- Analyze and make recommendations for using district support staff (AIS) in a way that is beneficial to all learners.

- Work with district directors to identify subject-specific instructional and curricular goals.

- Develop/revise a cohesive K-12 curriculum writing and articulation plan.

Thank you!

Believe it. Say it. Mean it.   Do it.