

2023-2024 Student Achievement Report

Presentation to the Board of Education

November 21, 2024

Data and Accountability in Carle Place Schools

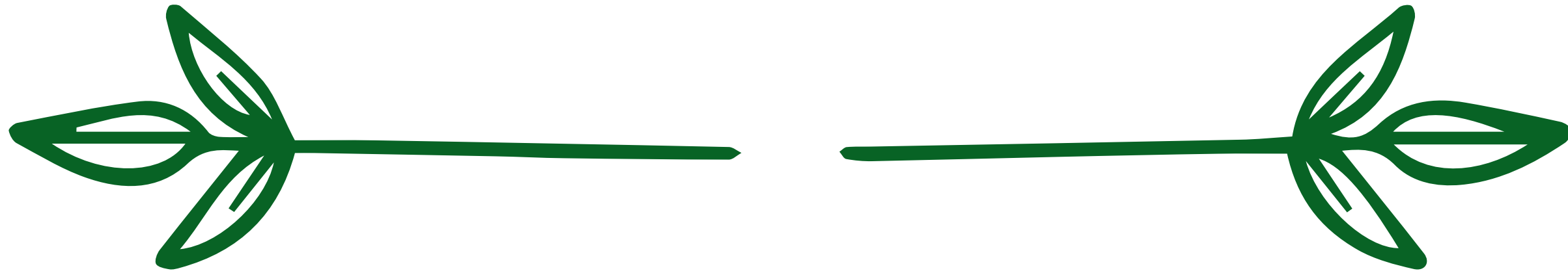
Ted Cannone, Ed.D.
Superintendent of Schools



Mission and Vision

The members of the Carle Place School District work diligently to nurture **compassion** and **passion**, while honoring tradition and inspiring excellence, working collaboratively to shape the future of our students together.

We seek to accomplish this work through active learning and agency; within, between, and beyond the classroom - where students, teachers, and administrators work together to create a continuous cycle of success.



“SUCCESS IS THE SUM OF SMALL EFFORTS, REPEATED DAY IN
AND DAY OUT.”

~ROBERT COLLIER

Tonight's Presenters



In order of appearance...

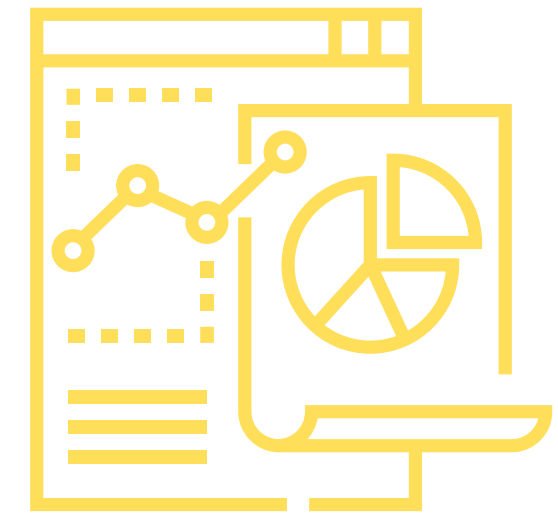
- Dr. Ted Cannone, Superintendent
- Ms. Leslie Rubenstein, Director of Humanities
- Ms. Jamianne Pullan, Director of STEM & Business

Intended Outcomes



- to **share** how we analyze data
- to **recommend** next steps based on findings
- to **continue on** 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.

i-READY Assessments

Grades K-8



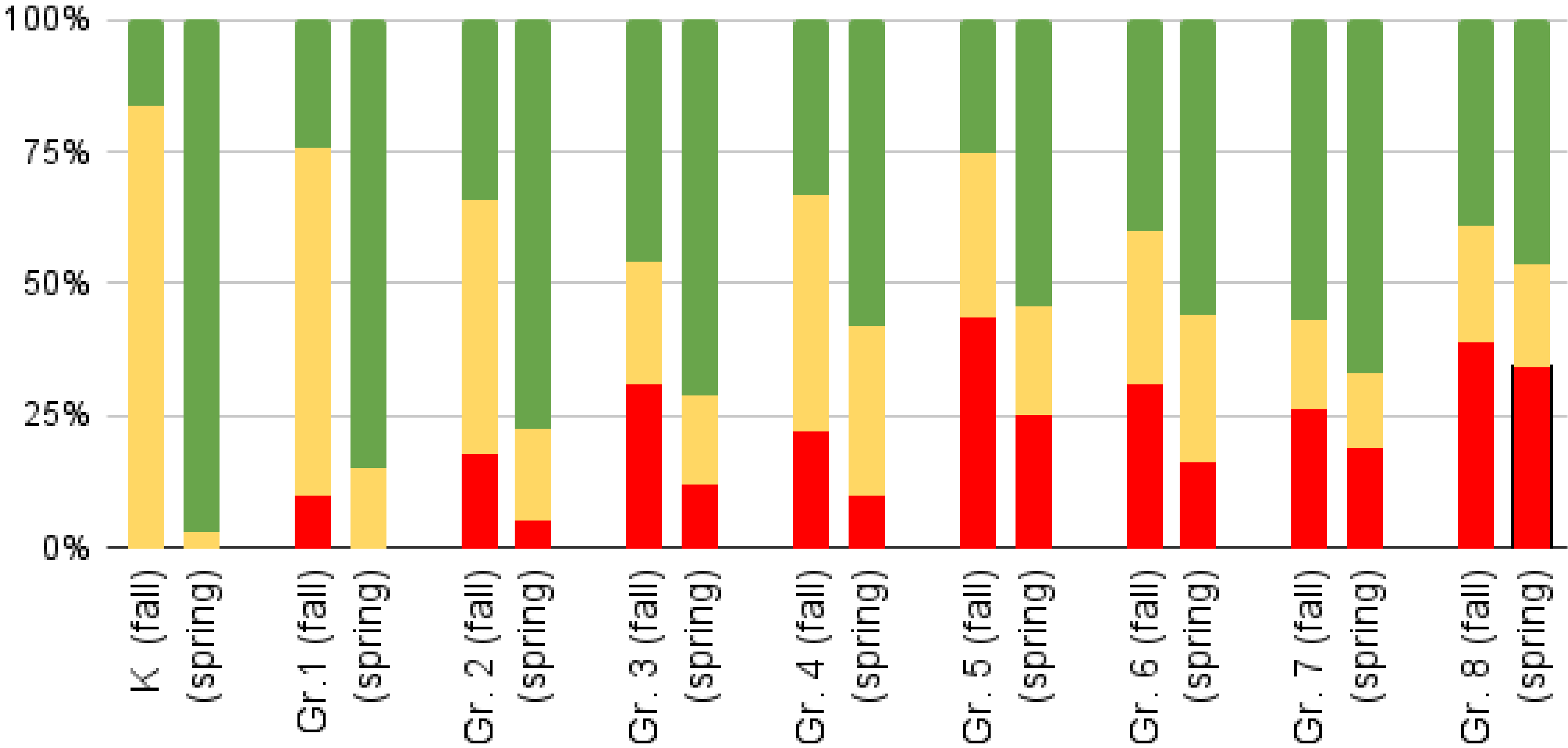
Why do we use iReady?

- **New York State requires** a norm-referenced universal screening assessment for reading and mathematics.
- **Norm-referenced** tests measure students' performance and yield a percentile score.
 - 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 fall 2023, the district adopted the **iReady** universal screener. We currently have two years of data as a baseline and will report iReady data in the coming years.

iReady ELA Fall 23/Spring 24

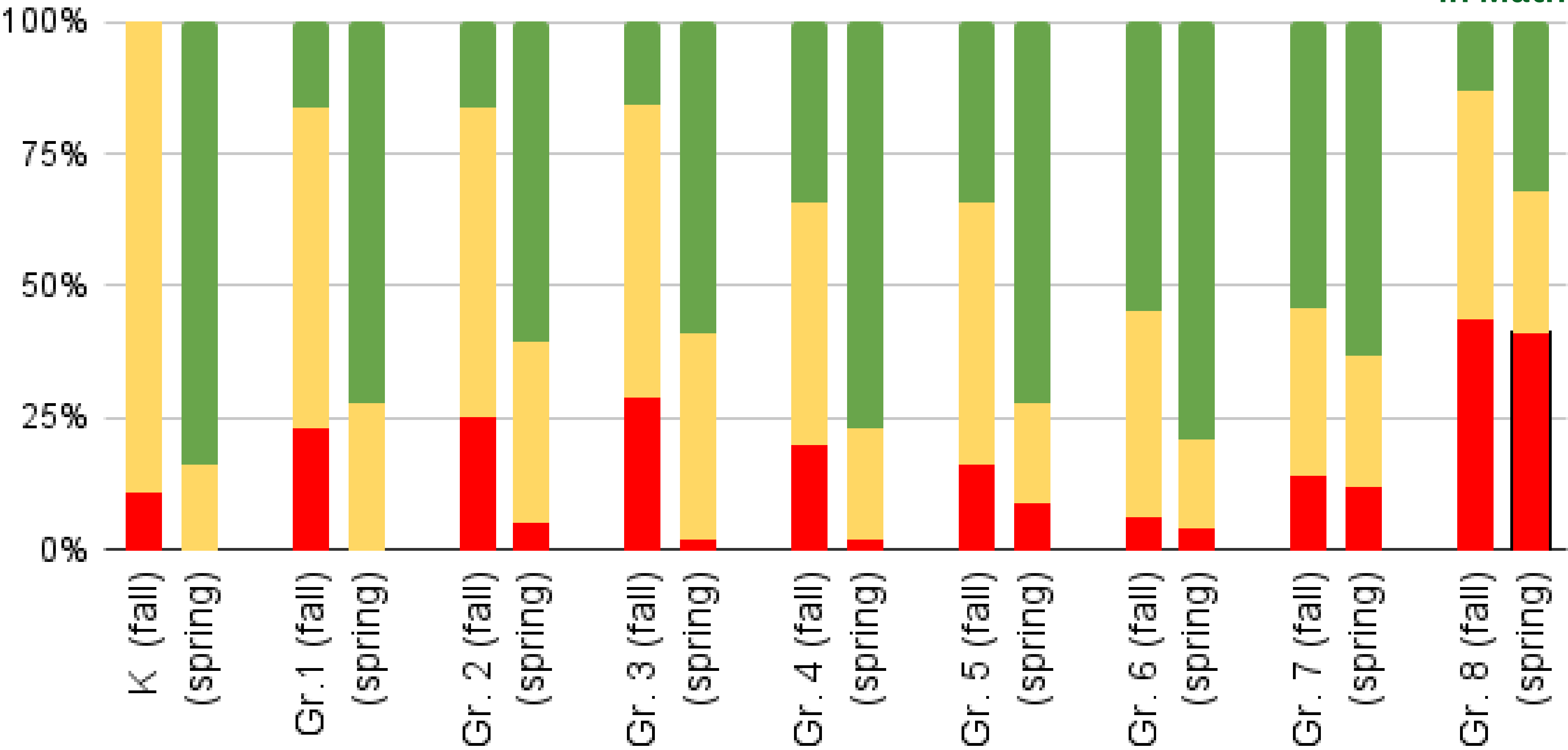
Tier 1 Tier 2 Tier 3



iReady MATH Fall 23/Spring 24

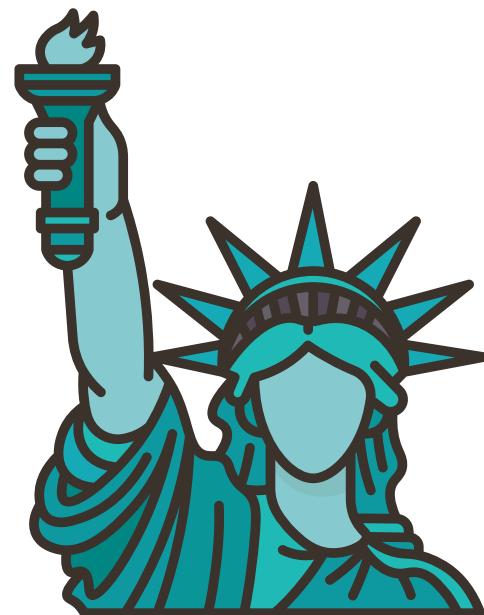
*Grade 8
Accelerated
was not tested
in Math

Tier 1 Tier 2 Tier 3



New York State Assessments

Grades 3-8



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
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%
2023-24	18%	16%	24%	35%	32%	41%	28%

ELA: Percent Testing at Levels 3 & 4

Grade	2019-20	2020-21*	2021-22	2022-23	2023-24
3	N/A	72%	63%	59%	53%
4	N/A	80%	64%	65%	66%
5	N/A	49%	54%	63%	59%
6	N/A	73%	72%	75%	75%
7	N/A	58%	65%	62%	87%
8	N/A	95%	48%	73%	65%

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
2018-19	21%	32%	36%	36%	47%	64%	39%
2019-20	No test	No test	No test	No test	No test	No test	No test
2020-21	33%	31%	23%	35%	36%	53%	35%
2021-22	15%	30%	23%	29%	34%	33%	27%
2022-23	12%	26%	27%	25%	32%	64%	31%
2023-24	15%	13%	27%	27%	36%	58%	29%

Math: Percent Testing at Levels 3 & 4

Grade	2019-20	2020-21*	2021-22	2022-23	2023-24
3	N/A	80%	67%	73%	68%
4	N/A	77%	82%	77%	90%
5	N/A	71%	89%	82%	78%
6	N/A	67%	70%	86%	97%
7	N/A	46%	57%	70%	89%
8*	N/A	33%	11%	64%	58%

High School Data Sources

NY State: Regents, Dual-Enrollment

National: Advanced Placement



Carle Place High School - Profile for Class of 2024

93 Graduates

- **Regents Diploma Status or Higher = 98.9%**
 - **68.8%** Earned a Regents Diploma with Advanced Designation or above
 - 11.8% Earned Advanced Designation with Honors
 - **30.1%** Earned a Regents Diploma
 - 7.5% Earned a Regents Diploma with CTE Endorsement

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

Regents Exam	2022-23 Passing	2022-23 Mastery	2023-24 Passing	2023-24 Mastery
Next Gen English	92%	61%	96%	69%
Chemistry	41%	1%	64%	11%
Earth Science	85%	45%	86%	52%
Living Environment	87%	32%	77%	33%
Physics	89%	42%	64%	14%

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

Regents Exam	2022-23 Passing	2022-23 Mastery	2023-24 Passing	2023-24 Mastery
Next Gen Algebra I	94%	23%	92%	23%
CC Algebra II	97%	25%	93%	29%
CC Geometry	71%	13%	71%	25%
Global History (New Framework)	92%	51%	93%	62%
US History & Government (New Framework)	97%	37%	95%	40%

2024 World Language Exams

Exam Name	2022-23 Passing	2022-23 Mastery	2023-24 Passing	2023-24 Mastery
Italian A	100%	75%	100%	85%
Italian B	100%	89%	100%	63%
Spanish A	100%	89%	100%	90%
Spanish B	98%	70%	97%	69%

Levels of Advanced Placement (AP) Achievement

	2021-22	2022-23	2023-24
Students	152	140	148
Exams	316	294	280
Score 3+	72.4%	73.6%	77.5%
Score 4+	38.6%	38.4%	42.9%
Score 5	13.6%	16.7%	13.9%

AP Enrollment /Average Scores: 2019-2023

	2020-21	2021-22	2022-23	2023-24	2024 Global Avg.
Calculus AB	20/3.25	19/2.89	26/2.88	23/3.61	3.22
Statistics	30/2.67	35/2.29	30/2.23	12/2.08	2.96
Italian	6/3.83	8/3.88	N/A	6/3.50	3.31
Spanish	12/3.42	20/2.55	12/3.58	20/3.15	3.54
Seminar	30/3.37	25/3.48	22/3.23	26/3.19	3.21
Research	NA	6/2.17	3/2.33	2/3.00	3.35

AP Enrollment/Average Scores: 2019-2023

	2020-21	2021-22	2022-23	2023-24	2024 Global Avg.
English Language	26/3.67	42/3.33	32/3.06	28/3.14	2.79
English Literature	5/2.80	4/4.50	6/4.17	10/3.40	3.16
World History: Modern	33/3.61	36/3.47	24/4.21	33/3.91	3.11
US History	35/3.34	38/3.16	38/2.82	31/4.06	3.23
European History	11/3.55	5/3.60	7/3.57	13/3.31	3.23

AP Enrollment /Average Scores: 2019-2023

	2020-21	2021-22	2022-23	2023-24	2024 Global Avg.
Physics 1	5/2.20	7/2.14	12/3.08	11/2.82	2.59
Biology	7/3.71	15/4.00	35/3.69	12/3.08	3.15
Chemistry	6/2.50	7/2.14	6/2.50	7/2.86	3.31
Env. Science	6/4.17	8/3.75	9/3.78	3/4.33	2.80
Psychology	29/3.03	39/2.59	30/2.90	22/2.14	2.97
Computer Science Principles	-	-	-	19/2.79	2.9

Advanced Placement Scholars

	2019-20*	2020-21	2021-22	2022-23	2023-2024
SCHOLARS	15	15	24	34	23
WITH HONOR	21	8	9	11	9
WITH DISTINCTION	9	16	22	17	24

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	Participation
2023-24	231
2022-23	243
2021-22	260

Ongoing R&D in Support of Student Achievement

- Triangulate and review assessment data to inform instruction aligned with the State learning standards.
- Identify and provide classroom-based interventions through the team meeting referral process and developing a structured MTSS process that will align with established practices in the elementary schools.
- Align MTSS programs district wide.
- Collaborate to develop grade-level specific instructional and curricular goals for the content areas.
- Develop a Carle Place branded curriculum document that ensures a higher degree of fidelity to the features of high-quality curriculum.



Thank you!

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