

CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*

Assessment Highlights & Curriculum Update

2023-2024

Megan Argenio
Assistant Superintendent for Instruction
January 27, 2025





Tonight's Presentation

Part I:

- Grades 3-8 Test Refusals
- Grades 3-8 Next Generation ELA and Math Results
- NYS Regents Results

Part II:

- Next Steps / Curriculum Update

*Striving for
Excellence
Every
Day*



Assessment Highlights - Part I of Tonight's Presentation

The following **Grade 3-8 ELA and Math Exams, as well as the New York State Regents Exams** have been extracted from the NYS Report Card and School Meter. School Meter is populated by the New York State Education Department.

We will explore statewide and local data.

*Striving for
Excellence
Every
Day*



Next Generation Learning Standards - Assessment Alignment

Reminder! Spring 2023 was the first administration of the Grades 3-8 NYS Next Generation ELA and Math assessments as they aligned to the Next Generation Learning Standards, and no longer with the Common Core State Standards. We will take a comparative look between 2023 and 2024.

Spring 2024 was the first administration of Grades 5 & 8 Science, and Algebra I.

Spring 2025: Geometry, Life Science Biology

Spring 2026: Algebra II, Earth & Space Science, ELA

Spring 2027: Chemistry, Physics

Striving for
Excellence
Every
Day



For More Next Generation Learning Standards Information:

For more information regarding the assessment timeline shifts as they align with the Next Generation State Standards, click here:

P-12 ELA & Math Standards timeline alignment:

[NYSED ELA Timeline - New Standards Assessment Alignment Schedule](#)

[NYSED Math Timeline - New Standards Assessment Alignment Schedule](#)

P-12 Science Standards timeline alignment:

[NYSED Science Timeline - New Standards Assessment Alignment Schedule](#)

*Striving for
Excellence
Every
Day*



Grade 3-8 ELA Refusal Report



Grade	Total	Not Tested		Tested	
	#	#	%	#	%
Grade 3	208	13	6%	195	94%
Grade 4	234	19	8%	215	92%
Grade 5	226	18	8%	208	92%
Grade 6	202	34	17%	168	83%
Grade 7	241	53	22%	188	78%
Grade 8	259	62	24%	197	76%
Grades 3-8	1,370	199	15%	1,171	85%

Striving for
Excellence
Every
Day



Grade 3-8 ELA

*Let's take a look at the state data results - NYSED
Report Card:*

Reminder!

Key points about NYS performance levels:

- **Level 1:** Below proficient
- **Level 2:** Partially proficient
- **Level 3:** Proficient
- **Level 4:** Exceeds proficiency

*Striving for
Excellence
Every
Day*

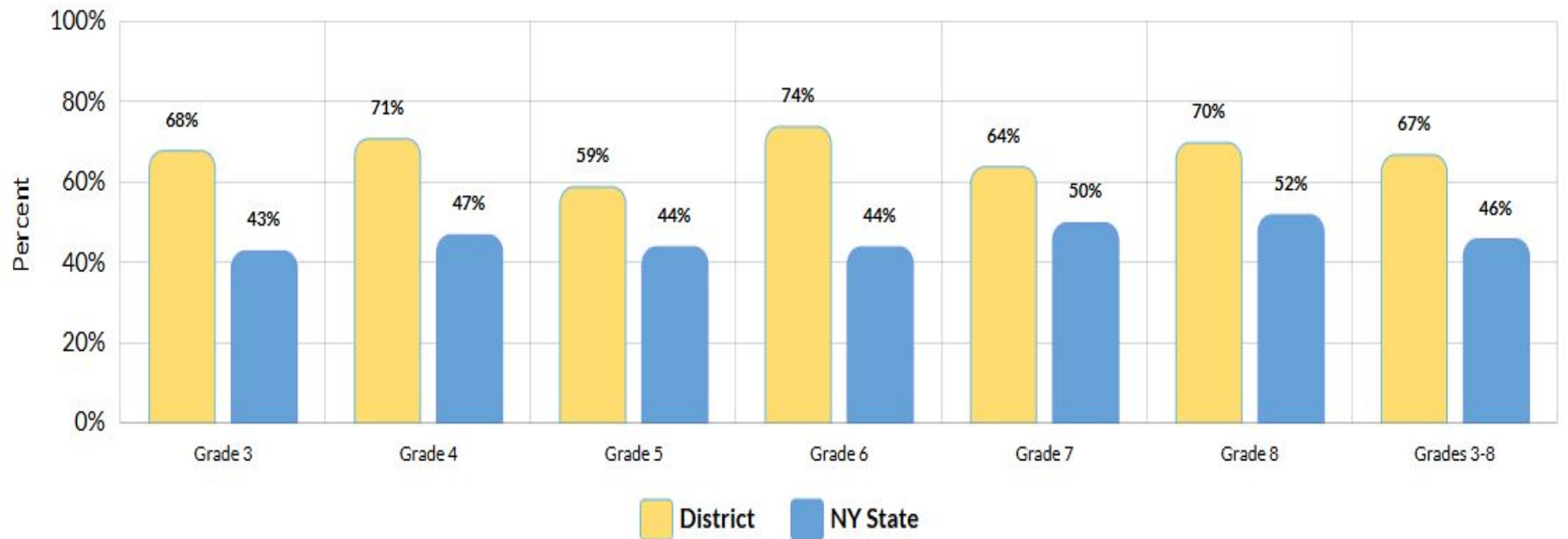


Grade 3-8 ELA District to State Proficiency Comparison

GRADES 3-8 ENGLISH LANGUAGE ARTS RESULTS (2023-24)

SUMMARY RESULTS

Percent Scoring Proficient by Grade



Striving for
Excellence
Every
Day



Grade 3-8 ELA District to State Proficiency Comparison

Grade	Total	Not Tested		Tested		Level 1		Level 2		Level 3		Level 4		Proficient (Levels 3 & 4)	
	#	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Grade 3	208	13	6%	195	94%	23	12%	40	21%	89	46%	43	22%	132	68%
Grade 4	234	19	8%	215	92%	24	11%	38	18%	84	39%	69	32%	153	71%
Grade 5	226	18	8%	208	92%	43	21%	43	21%	88	42%	34	16%	122	59%
Grade 6	202	34	17%	168	83%	12	7%	32	19%	66	39%	58	35%	124	74%
Grade 7	241	53	22%	188	78%	22	12%	46	24%	69	37%	51	27%	120	64%
Grade 8	259	62	24%	197	76%	18	9%	41	21%	78	40%	60	30%	138	70%
Grades 3-8	1,370	199	15%	1,171	85%	142	12%	240	20%	474	40%	315	27%	789	67%

Striving for
Excellence
Every
Day



Take a deeper dive per grade AND subgroup - Click below to access the full NYS Report for Grades 3-8 ELA:

[NYS CCSD 2024 Grades 3-8 Report Card - Summary Report & Subgroup Breakdown - ELA](#)

Subgroups for review:

English Language Learner
Non-English Language Learner
In Foster Care
Not in Foster Care
Not Homeless
Not Migrant
Parent in Armed Forces
Parent Not in Armed Forces

All Students
Female
Male
General Education Students
Students with Disabilities
Asian or Native Hawaiian/Other Pacific Islander
Black or African American
Hispanic or Latino
White
Multiracial
Economically Disadvantaged
Not Economically Disadvantaged

*Striving for
Excellence
Every
Day*

CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*

Grade 3-8

ELA Countywide Comparison



Next Generation ELA Rankings - Orange County Comparison

SPRING 2024

Grade 3: Ranked First

Grade 4: Ranked First

Grade 5: Ranked Second (GWL 1st)

Grade 6: Ranked First

Grade 7: Ranked Third (GWL 1st, Tuxedo 2nd)

Grade 8: Ranked First

Spring 2023 → 1st

Spring 2023 → 2nd

Spring 2023 → 3rd

Spring 2023 → 1st

Spring 2023 → 2nd

Spring 2023 → 4th

Combined Overall Grade 3-8 ELA → **Ranked First**

*Striving for
Excellence
Every
Day*

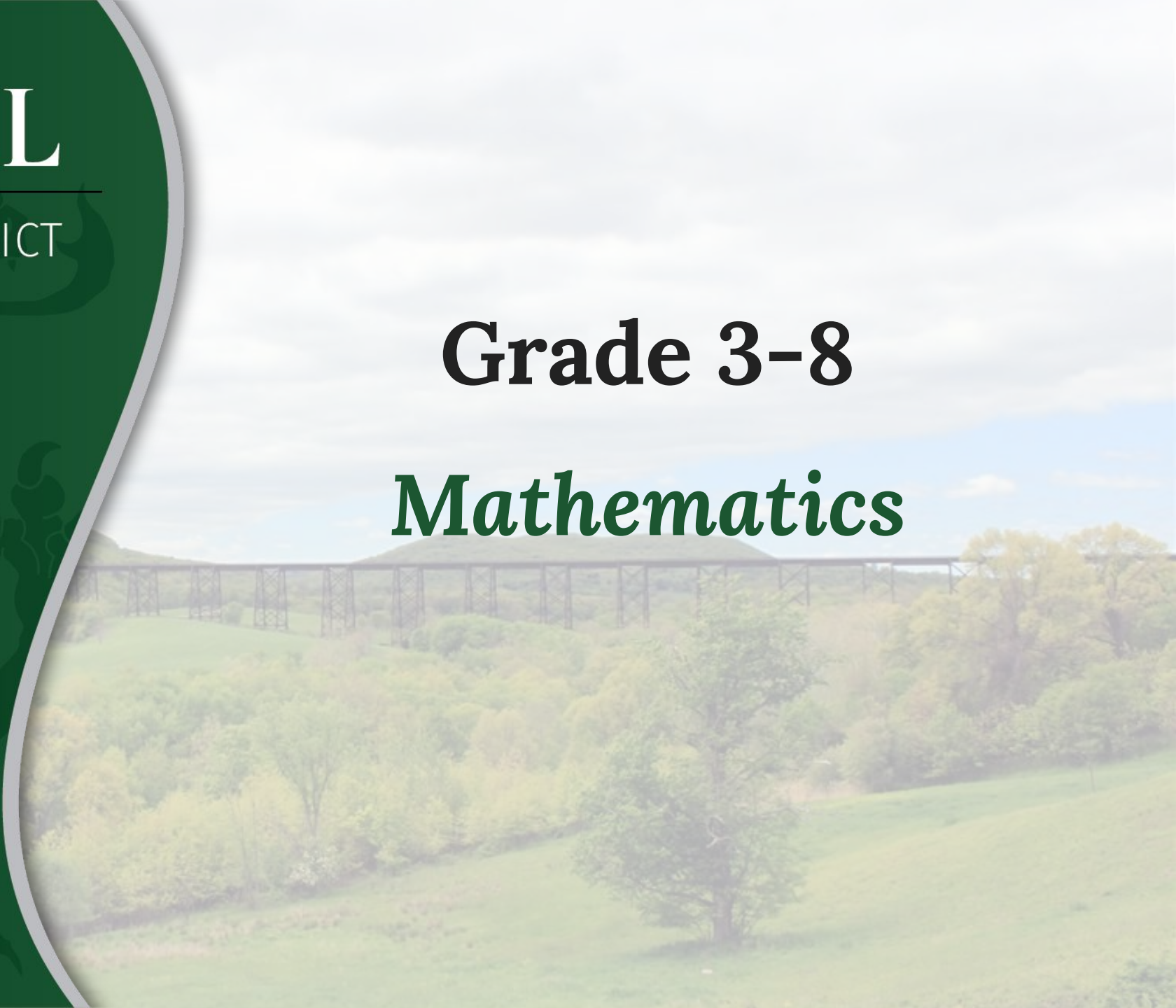
CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*

Grade 3-8 *Mathematics*





Grade 3-8 Math Refusal Report

Grade	Total	Not Tested		Tested	
	#	#	%	#	%
Grade 3	208	12	6%	196	94%
Grade 4	234	19	8%	215	92%
Grade 5	226	24	11%	202	89%
Grade 6	202	30	15%	172	85%
Combined 6	202	30	15%	172	85%
Grade 7	241	56	23%	185	77%
Combined 7	241	56	23%	185	77%
Grade 8	259	144	56%	115	44%
Regents 8	—	—	—	77	30%
Combined 8	259	67	26%	192	74%
Grades 3-8	1,370	208	15%	1,162	85%

Striving for
Excellence
Every
Day



Grade 3-8 Math

*Let's take a look at the state data results -
NYSED Report Card:*

Reminder!

Key points about NYS performance levels:

- **Level 1:** Below proficient
- **Level 2:** Partially proficient
- **Level 3:** Proficient
- **Level 4:** Exceeds proficiency

*Striving for
Excellence
Every
Day*

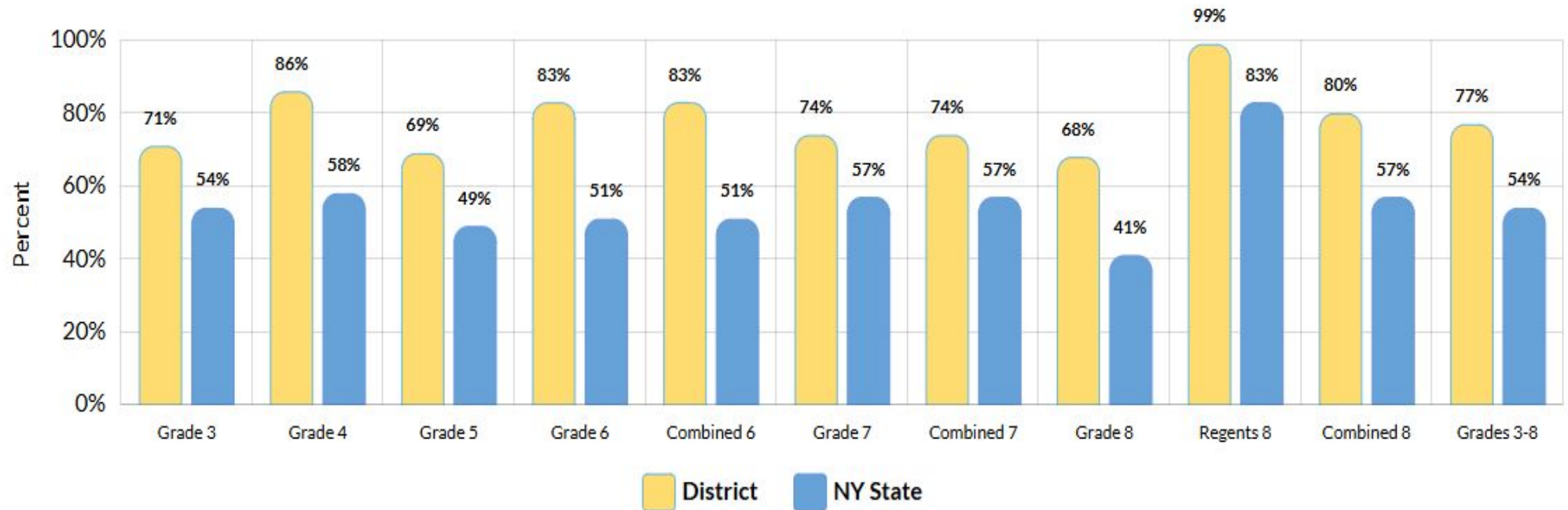


Grade 3-8 Math District to State Proficiency Comparison

GRADES 3-8 MATHEMATICS RESULTS (2023-24)

SUMMARY RESULTS

Percent Scoring Proficient by Grade



Striving for
Excellence
Every
Day



Grade 3-8 Math District to State Proficiency Comparison

Grade	Total	Not Tested		Tested		Level 1		Level 2		Level 3		Level 4 & Above		Proficient (Levels 3 & Above)	
	#	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Grade 3	208	12	6%	196	94%	9	5%	47	24%	103	53%	37	19%	140	71%
Grade 4	234	19	8%	215	92%	7	3%	23	11%	110	51%	75	35%	185	86%
Grade 5	226	24	11%	202	89%	25	12%	38	19%	91	45%	48	24%	139	69%
Grade 6	202	30	15%	172	85%	3	2%	27	16%	97	56%	45	26%	142	83%
Combined 6	202	30	15%	172	85%	3	2%	27	16%	97	56%	45	26%	142	83%
Grade 7	241	56	23%	185	77%	14	8%	34	18%	55	30%	82	44%	137	74%
Combined 7	241	56	23%	185	77%	14	8%	34	18%	55	30%	82	44%	137	74%
Grade 8	259	144	56%	115	44%	14	12%	23	20%	63	55%	15	13%	78	68%
Regents 8	–	–	–	77	30%	0	0%	1	1%	0	0%	76	99%	76	99%
Combined 8	259	67	26%	192	74%	14	7%	24	13%	63	33%	91	47%	154	80%
Grades 3-8	1,370	208	15%	1,162	85%	72	6%	193	17%	519	45%	378	33%	897	77%

Striving for
Excellence
Every
Day



Take a deeper dive per grade AND subgroup - Click below to access the full NYS Report for Grades 3-8 Math:

[NYS CCSD 2024 Grades 3-8 Report Card - Summary Report & Subgroup Breakdown - Math](#)

Subgroups for review:

English Language Learner

Non-English Language Learner

In Foster Care

Not in Foster Care

Not Homeless

Not Migrant

Parent in Armed Forces

Parent Not in Armed Forces

All Students

Female

Male

General Education Students

Students with Disabilities

Asian or Native Hawaiian/Other Pacific Islander

Black or African American

Hispanic or Latino

White

Multiracial

Economically Disadvantaged

Not Economically Disadvantaged

*Striving for
Excellence
Every
Day*

CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*

Grade 3-8

Math Countywide Comparison



Next Generation Math Rankings - Orange County Comparison

Grade 3:	Ranked Third (GWL 1st, Warwick 2nd)	Spring 2023 → 2nd
Grade 4:	Ranked First	Spring 2023 → 1st
Grade 5:	Ranked First	Spring 2023 → 2nd
Grade 6:	Ranked First	Spring 2023 → 1st
Grade 7:	Ranked Third (GWL 1st, Warwick 2nd)	Spring 2023 → 2nd
Grade 8:	Ranked First	Spring 2023 → 2nd

Combined Overall Grade 3-8 Math → **Ranked First**

*Striving for
Excellence
Every
Day*

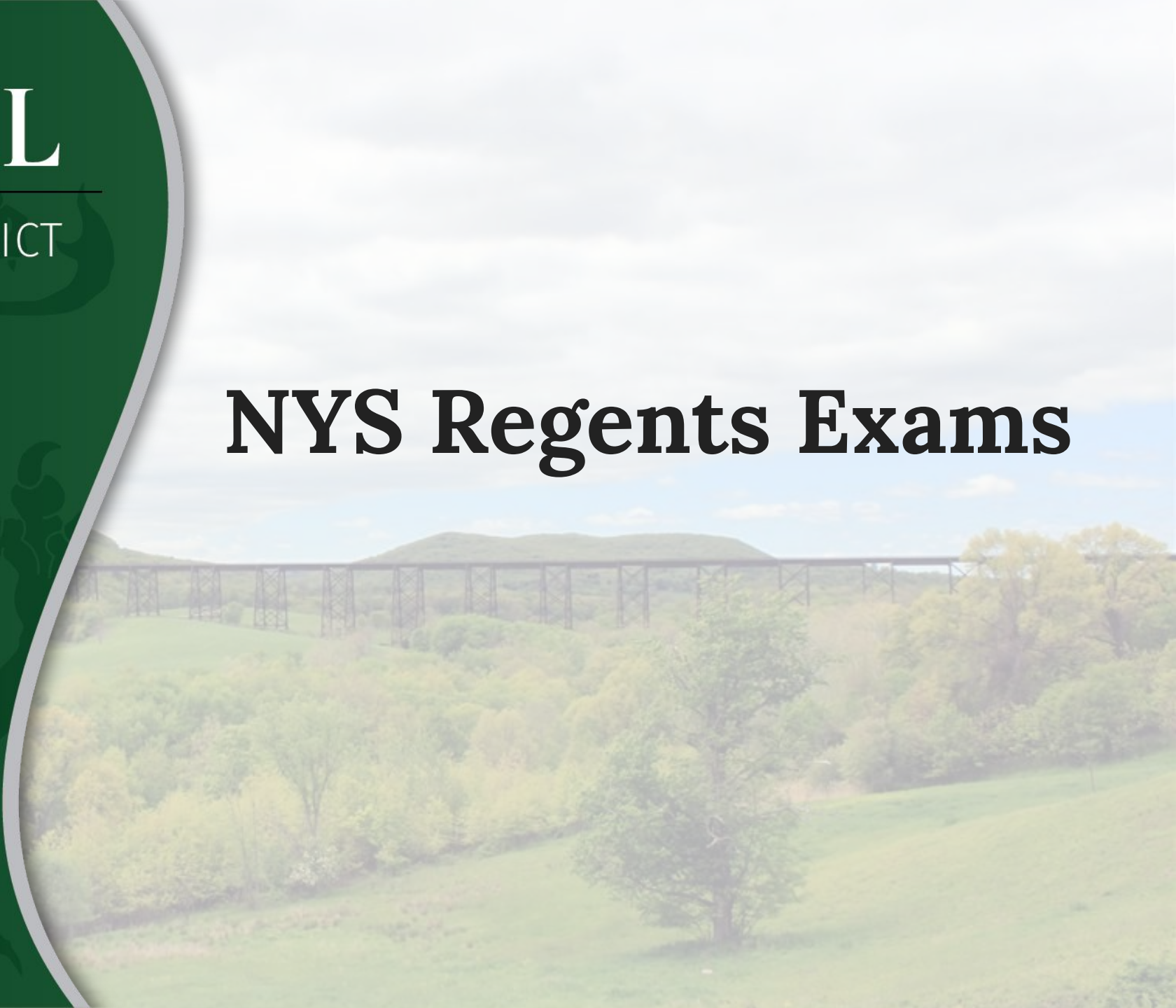
CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*

NYS Regents Exams





NY Regents Exams

The NY Regents Exams consists of the following:

English Language Arts

Global History & Geography II

US History and Government

Earth Science

Living Environment (Biology)

Chemistry

Physics

Algebra I (NEW EXAM 2024)

Geometry

Algebra II

8th grade Advanced Students are included in the Algebra I and Living Environment data.

*Striving for
Excellence
Every
Day*



NYS Spring 2024 Regents Exams

*Let's take a look at the state data results -
NYSED Report Card:*

Reminder!

- **Level 5: Exceeds** Standards expectations - Score Range: 85-100
- **Level 4: Meets** Standards expectations - Score Range: 76-84
- **Level 3: Partially** meets Standards expectations - Score Range: 65-75
- **Level 2:** Partially meets Standards expectations - Score Range: 55-64
- **Level 1:** Does not demonstrate knowledge and skills - Score Range: Below 55

NYS Considers Level 3 and Above as Proficient

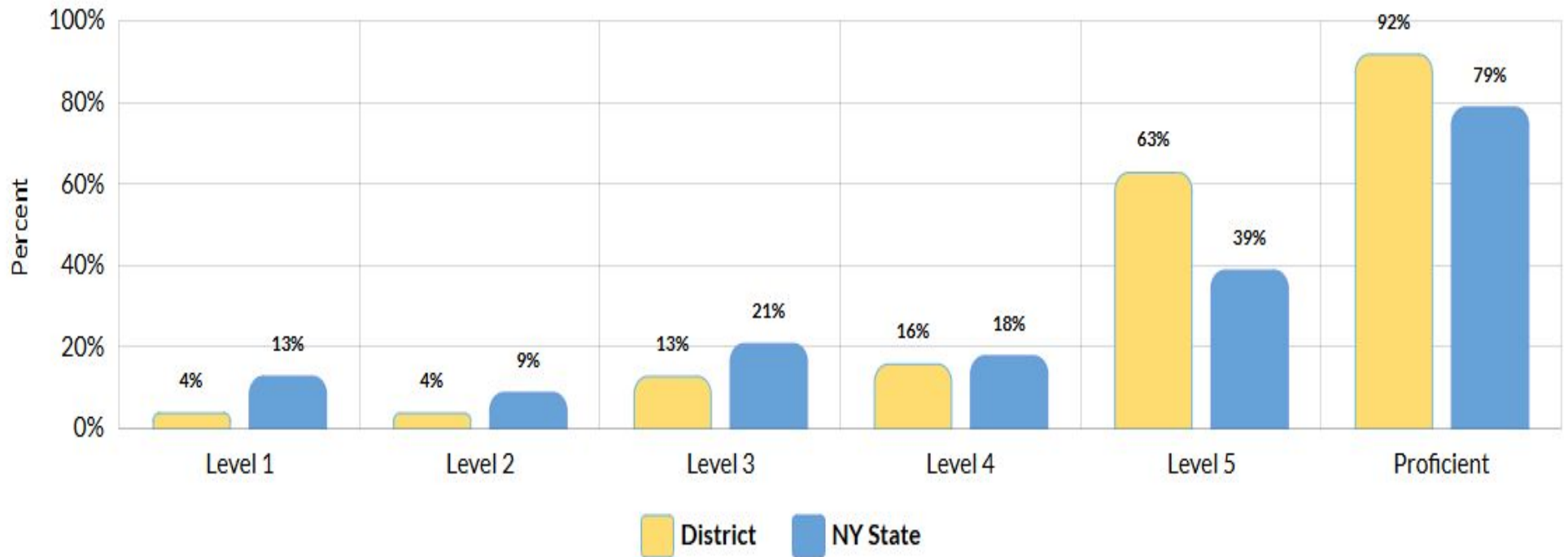
*Striving for
Excellence
Every
Day*



ELA Regents District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN ELA (2023-24)

Percent Scoring at Levels for All Students



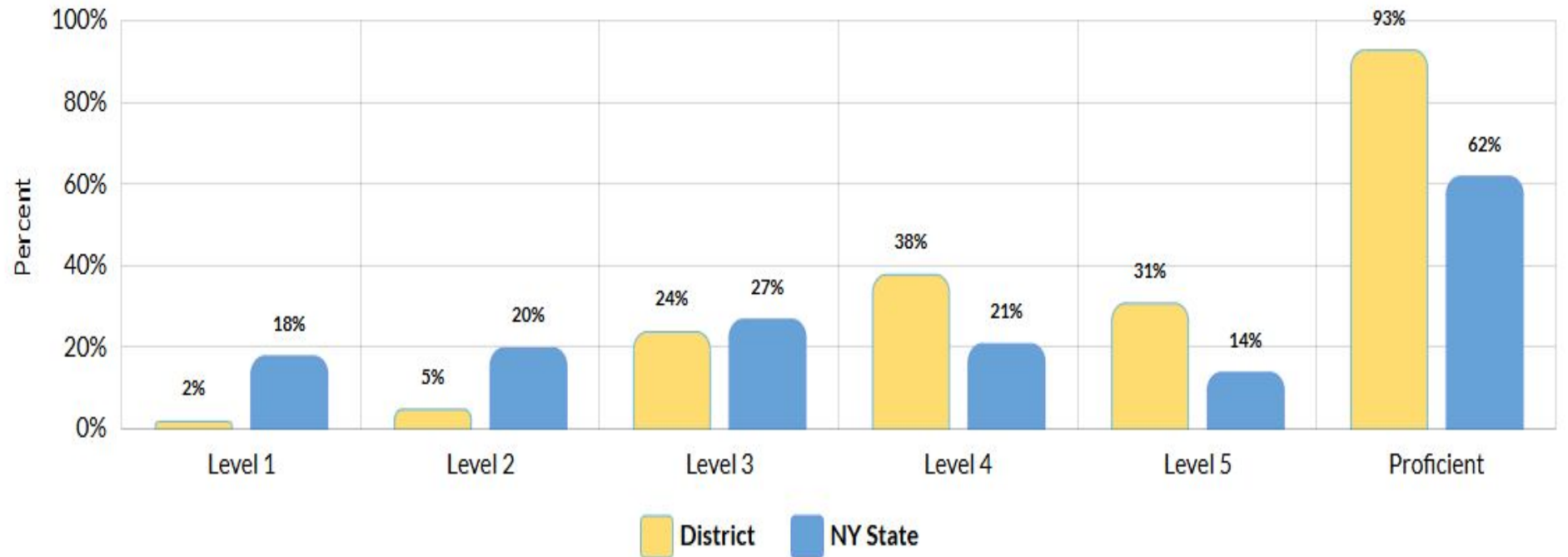
Striving for
Excellence
Every
Day



Algebra I Regents (NEW Exam) District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN ALGEBRA I (JUNE 2024)

Percent Scoring at Levels for All Students



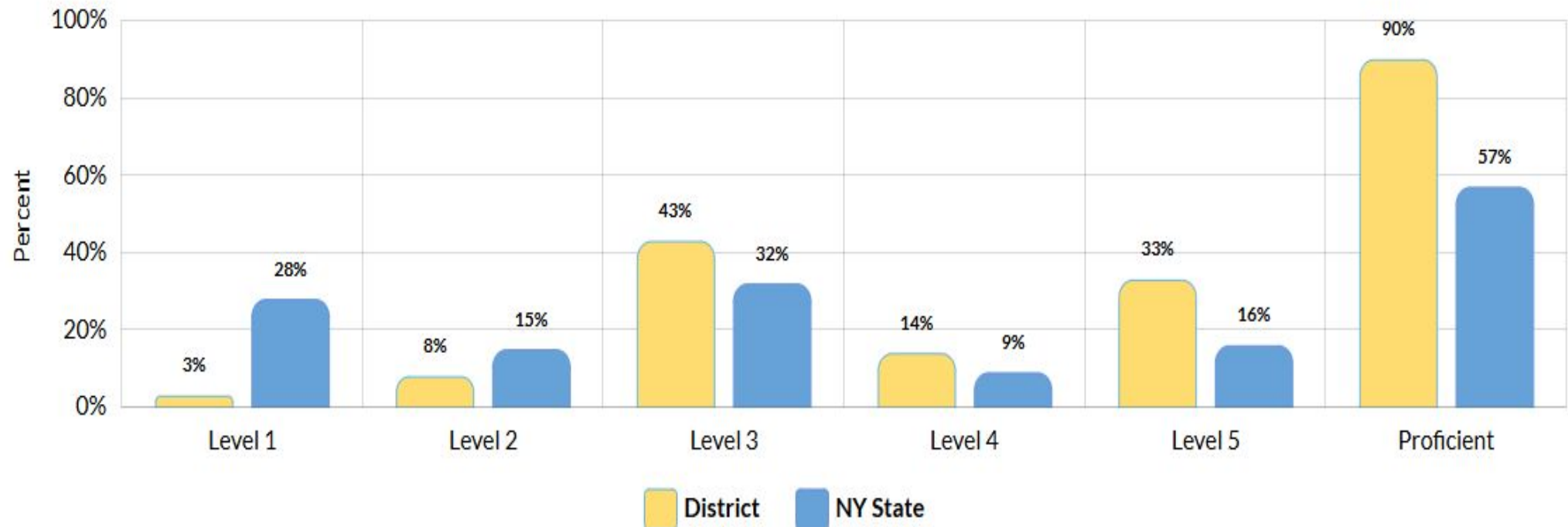
Striving for
Excellence
Every
Day



Geometry Regents (Last Administration of Old Exam) District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN GEOMETRY (2023-24)

Percent Scoring at Levels for All Students



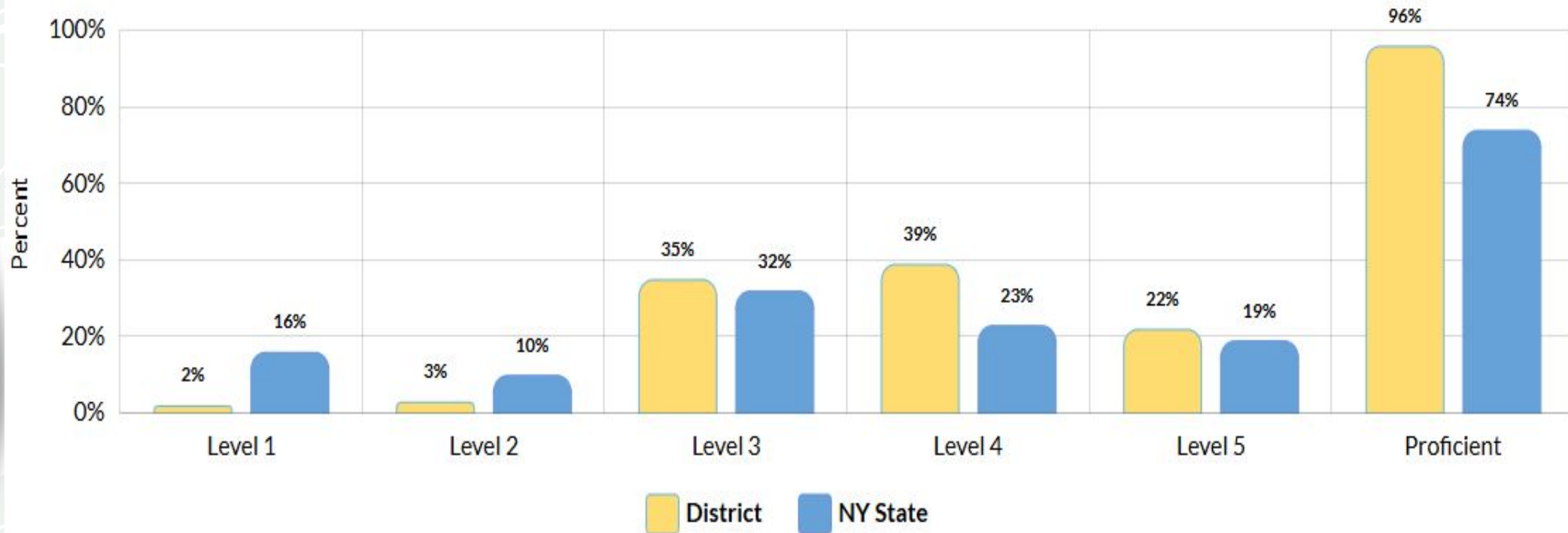
*Striving for
Excellence
Every
Day*



Algebra II District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN ALGEBRA II (2023-24)

Percent Scoring at Levels for All Students



Striving for
Excellence
Every
Day

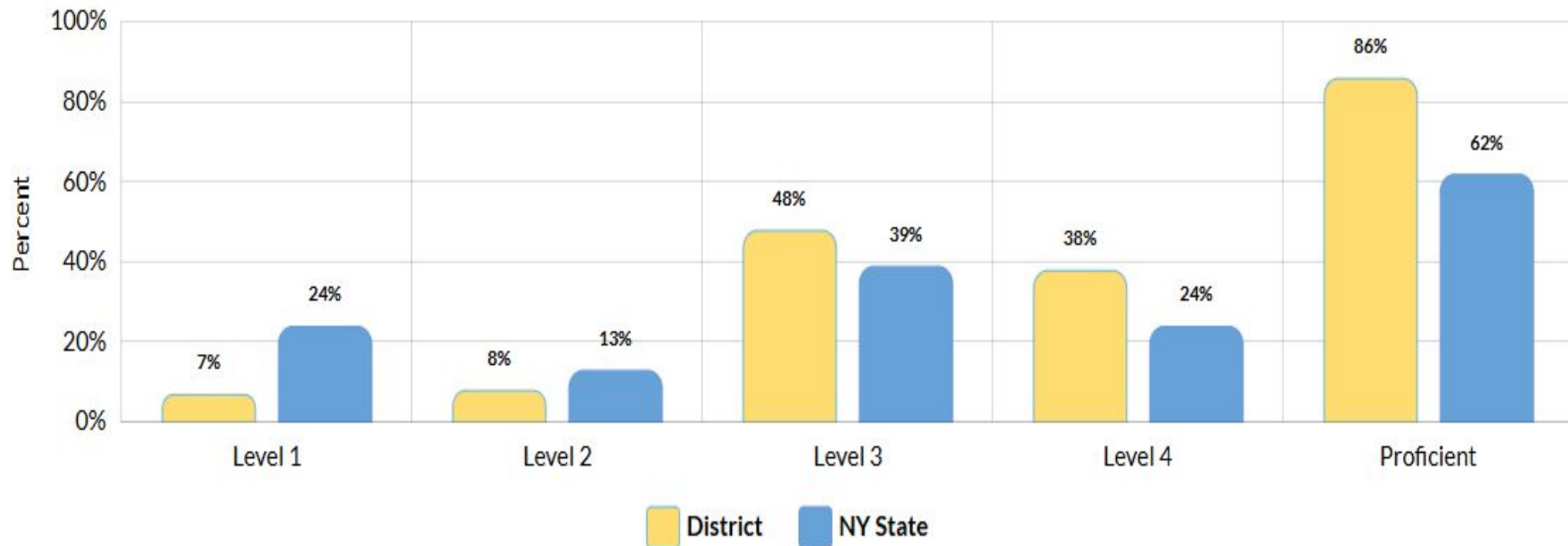


Living Environment/Biology Regents (Last Administration of Old Exam)

District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN LIVING ENVIRONMENT (2023-24)

Percent Scoring at Levels for All Students



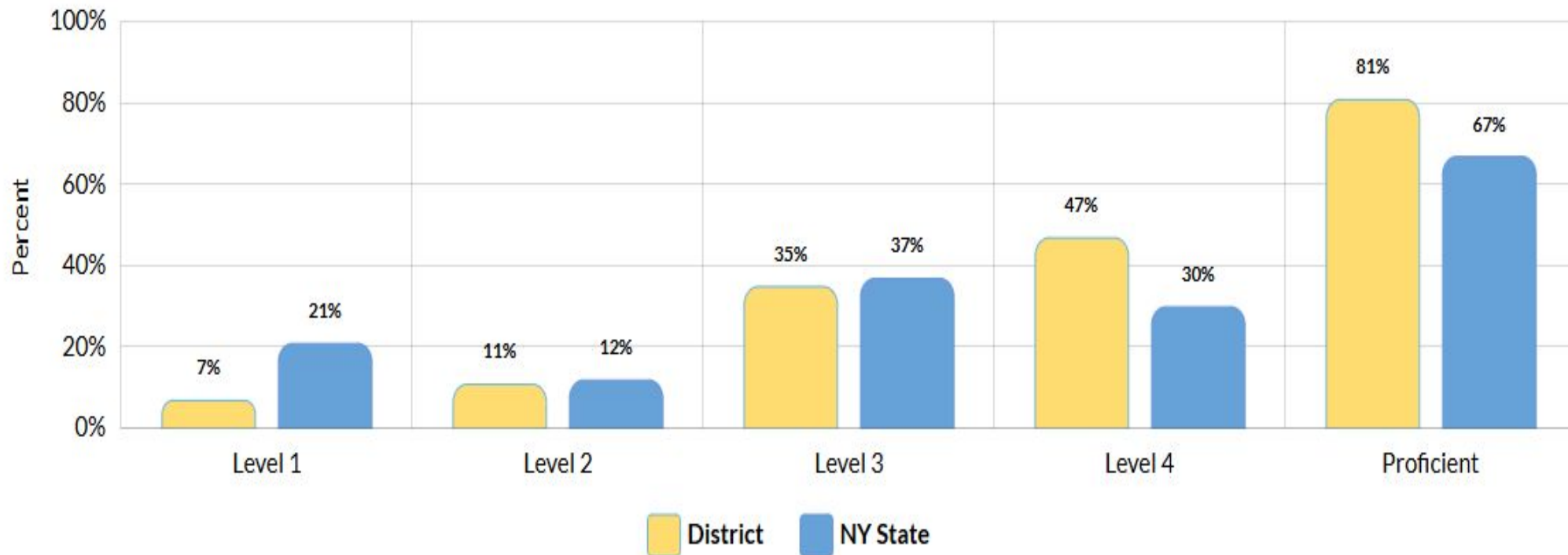
Striving for
Excellence
Every
Day



Physical Setting/Earth Science District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN PHYSICAL SETTING/EARTH SCIENCE (2023-24)

Percent Scoring at Levels for All Students



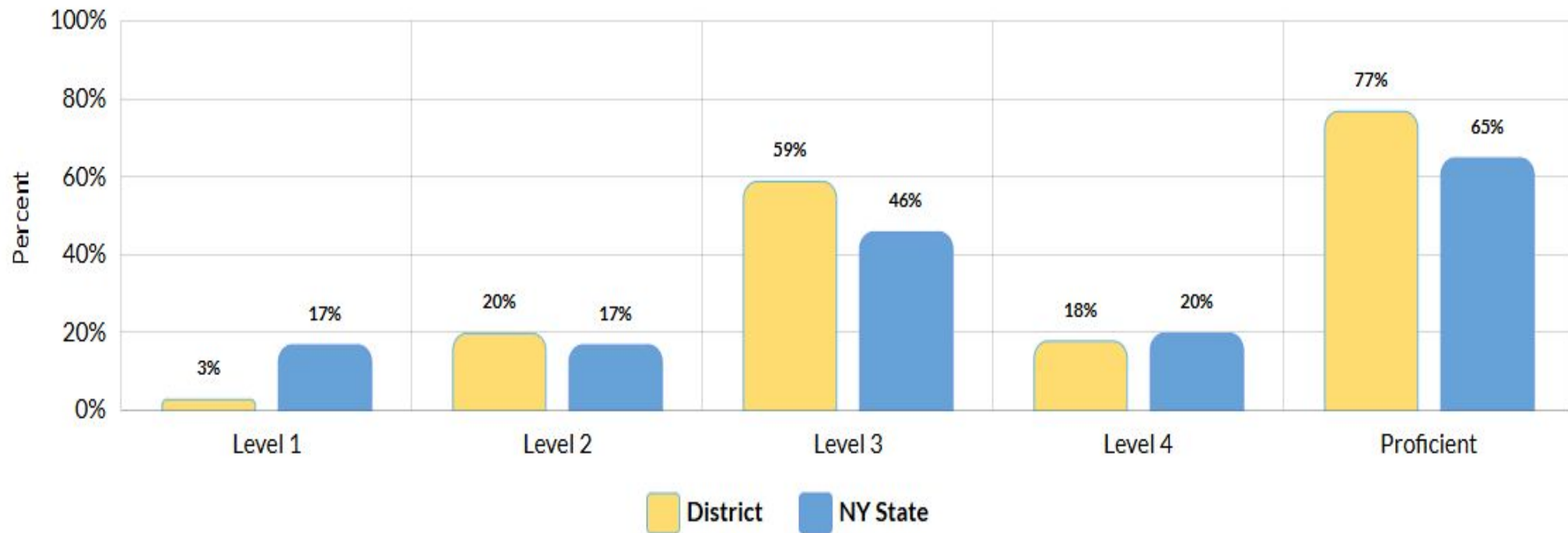
*Striving for
Excellence
Every
Day*



Chemistry District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN PHYSICAL SETTING/CHEMISTRY (2023-24)

Percent Scoring at Levels for All Students



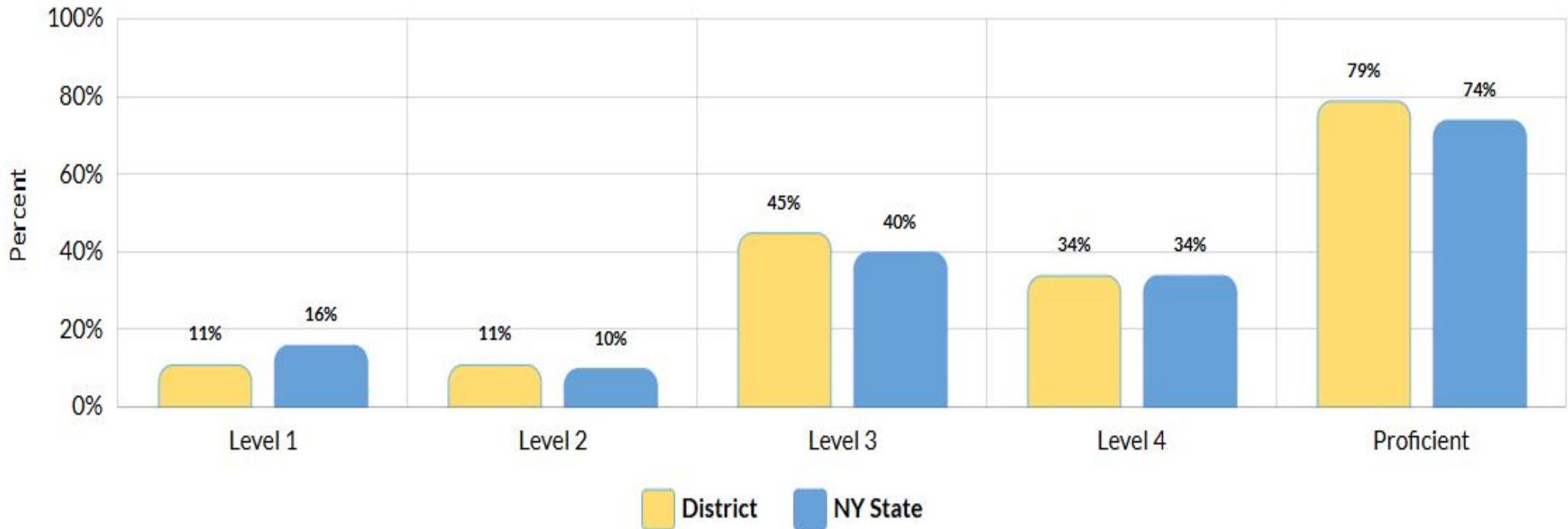
Striving for
Excellence
Every
Day



Physical Setting/Physics District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN PHYSICAL SETTING/PHYSICS (2023-24)

Percent Scoring at Levels for All Students



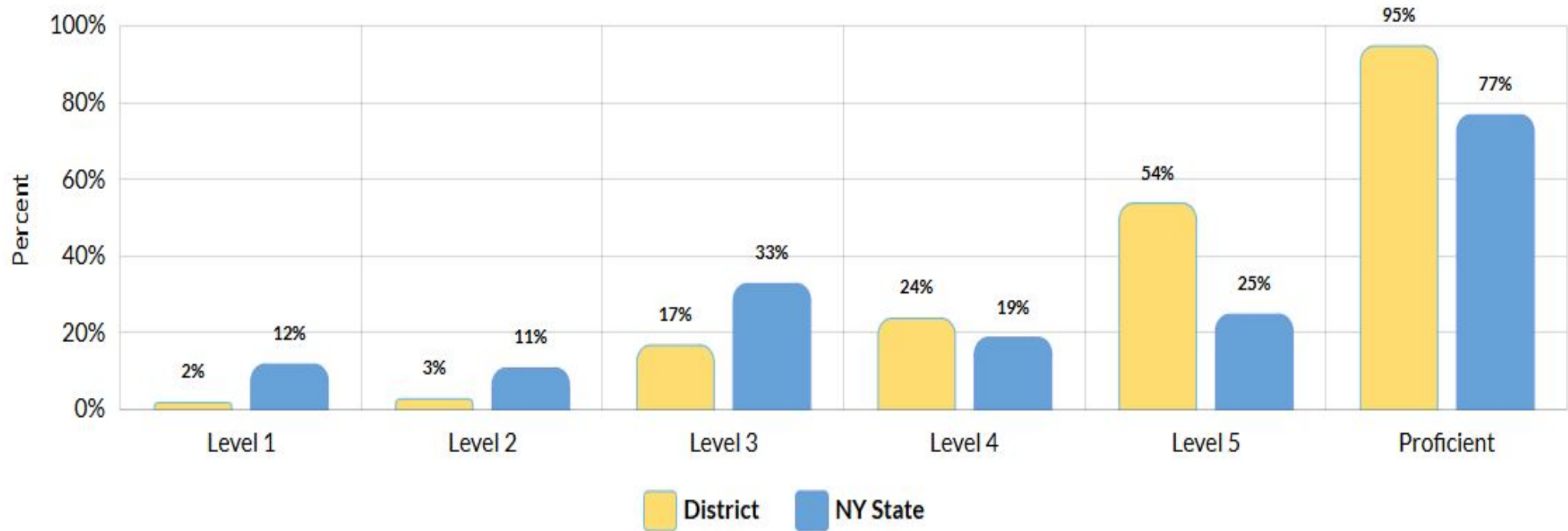
Striving for
Excellence
Every
Day



Global History & Geography II District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN GLOBAL HISTORY & GEOGRAPHY II (2023-24)

Percent Scoring at Levels for All Students



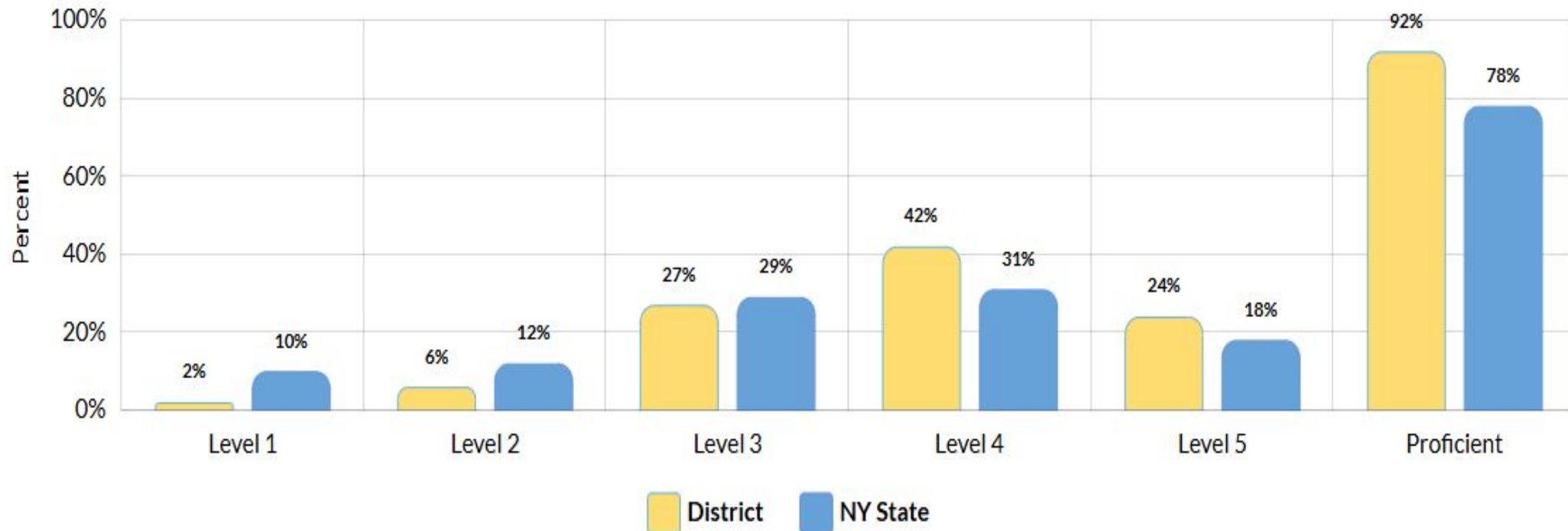
Striving for
Excellence
Every
Day



US History & Government District to State Proficiency Comparison

ANNUAL REGENTS EXAMINATION IN U.S. HISTORY & GOVERNMENT (FRAMEWORK) (2023-24)

Percent Scoring at Levels for All Students



*Striving for
Excellence
Every
Day*



Take a deeper dive per each Regents Exam and subgroup:

[NYS CCSD SPRING 2024 Regents Exam Report Card - Summary Report & Subgroup Breakdown](#)

Subgroups for review:

English Language Learner
Non-English Language Learner
In Foster Care
Not in Foster Care
Not Homeless
Not Migrant
Parent in Armed Forces
Parent Not in Armed Forces

All Students
Female
Male
General Education Students
Students with Disabilities
Asian or Native Hawaiian/Other Pacific Islander
Black or African American
Hispanic or Latino
White
Multiracial
Economically Disadvantaged
Not Economically Disadvantaged

*Striving for
Excellence
Every
Day*



2024 NYS Regents Orange County Comparison Ranking Results:

English Language Arts:

2024 - 4th
2023 - 3rd
2022- 5th

Global History & Geography II:

2024 - 1st
2023 - 3rd
2022- 2nd

US History

2024 - 4th
2023 - 4th
2022 - N/A

Earth Science

2024 - 6th
2023 - 2nd
2022- 6th

Living Environment/Biology:

2024 - 3rd
2023 - 3rd
2022- 2nd

Chemistry:

2024 - 5th
2023 - 9th
2022- 8th

Physics:

2024 - 5th
2023 - 7th
2022- 6th

Algebra I

2024 - 1st (New Exam)

Geometry:

2024 - 3rd
2023 - 1st
2022 - 2nd

Algebra II:

2024 - 3rd
2023 - 2nd
2022 - 4th

*Striving for
Excellence
Every
Day*

CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*

*Next Steps
and our
Curriculum
Updates*



Part II - Next Steps / Curriculum Update

We continue to be very proud of the work taking place within all of our classroom learning environments and the consistent focus of supporting all of our students, on all levels.

2023-2024 proved to be a very successful year for the CCSD. The assessment measures just shown are only a few. Keep in mind that although they are a representative data point of our progress on a standardized level, we use a variety of daily formative and summative assessments to drive our assessments and ultimately our instruction. It is within this work, while using the state assessments as an overview, that we move our students forward.

As the depth of data and analysis occurs at each level, our building data teams have taken a deeper dive within each sub-group to identify and analyze ways to close gaps. For example, this would include special education, ENL, and minority student population.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Grade 3 ELA & Math

KEY AREAS TO FOCUS - ELA:

- Determine the meaning of words and phrases as they are used in a text, distinguishing between literal and nonliteral language
- In literary texts, identify parts of stories, dramas, and poems using terms such as chapter, scene, and stanza.

STRENGTH AREAS - ELA:

"Key Ideas and Details" cluster demonstrated strong performance with a district percentage full credit significantly higher than the corresponding benchmark averages. This shows consistently better outcomes, suggesting that students are well-prepared for specific question formats or content areas.

Proficiency increased to 68% - highest in 3 years and well above the state average.

KEY AREAS TO FOCUS - Math:

- Challenges in foundational concepts, such as properties of multiplication and fractions, highlight the need for reinforcing basic principles with visual aids and manipulatives.
- Difficulty interpreting and creating visual data representations suggests a gap in integrating mathematical skills with analytical reasoning.

STRENGTH AREAS - Math:

Understanding Fractions as Numbers

- Students show strong proficiency in understanding and working with fractions. Students excel in understanding, comparing, and reasoning with fractions, demonstrating strong foundational skills in number sense.

Reasoning with Shapes and Their Attributes

- Strong ability to classify shapes, understand their properties, and solve geometry-based problems.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Grade 4 ELA & Math

KEY AREAS TO FOCUS - ELA:

Figurative Language and Text Analysis

- Challenges with interpreting figurative language and analyzing text structure suggest gaps in deeper comprehension skills.

Multimedia Integration

- Difficulty linking visual elements to textual meaning highlights the need for integrated learning strategies combining text and visual media.

STRENGTH AREAS - ELA:

Textual Analysis

- Students demonstrate proficiency in analyzing key ideas, structures, and the integration of knowledge within texts.

Vocabulary Skills

- Exceptional performance in vocabulary-related standards highlights students' ability to deduce word meanings in context and apply language strategies.

KEY AREAS TO FOCUS - Math:

Fraction Application

- Students struggle with applying fraction concepts, particularly in multiplication and problem-solving contexts.

Measurement and Data

- Difficulties with unit conversions and interpreting data suggest. Students struggle with analyzing data in graphical formats and drawing conclusions.

STRENGTH AREAS - Math:

Operations Mastery

- Students show a strong understanding of factors and multiples.

Advanced Geometry Concepts

- Students exhibit significant proficiency in geometry, including classifying shapes and understanding angles. Students excel in analyzing and classifying shapes using geometric properties

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Grade 5 ELA & Math

KEY AREAS TO FOCUS - ELA:

Narrative Writing

- Students exhibit challenges in crafting well-structured narratives with rich details and logical sequences. This indicates a need for increased instruction on narrative writing techniques.

STRENGTH AREAS - ELA:

Textual Analysis

- Students perform well in understanding relationships, themes, and text structures across various genres and formats. Students excel in analyzing relationships and interactions in informational texts.

Figurative Language and Vocabulary

- Strong vocabulary skills, including understanding figurative language and word relationships, highlight linguistic proficiency. Students show proficiency in using contextual clues and word analysis strategies to understand vocabulary.

KEY AREAS TO FOCUS - Math:

Difficulty with **multi-step problems** appears across several standards, particularly in fractions and data representation.

STRENGTH AREAS - Math:

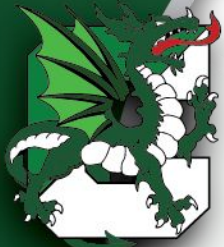
Operational Fluency

- Strong performance in decimals and whole number operations. The district is doing very well in operational fluency with decimals and whole numbers.

Conceptual Understanding

- Success in fraction multiplication/division and volume concepts reflects deep learning.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Grade 6 ELA & Math

KEY AREAS TO FOCUS - ELA:

Informational Texts

- Students consistently perform better on literary texts than informational texts.

Written Expression

- While strong in some areas, written communication around informational analysis is not as strong in constructed responses questions.

STRENGTH AREAS - ELA:

Comprehension and Analysis

- High proficiency in identifying themes, key ideas, and textual structures. Students show a high level of sophistication in analyzing the construction and stylistic elements of both informational and literary texts.

Critical Thinking

- Strong ability to evaluate arguments and integrate ideas across texts. Students effectively analyze and synthesize information across sources.

KEY AREAS TO FOCUS - Math:

Number Line Activities

- Use visual aids to teach ordering and comparing rational numbers.

Absolute Value Exploration

- Introduce engaging activities like mapping distances to reinforce the concept of absolute value.

STRENGTH AREAS - Math:

Proportional Reasoning

- Mastery in ratios and rates, with consistent high performance across multiple standards - essential for more advanced math concepts like algebra and geometry.

Algebraic Skills

- Strong proficiency in writing, simplifying, and solving algebraic expressions and equations. Students are adept at working with expressions and equations, indicating readiness for algebraic concepts in higher grades.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Grade 7 ELA & Math

KEY AREAS TO FOCUS - ELA:

Craft and Structure

- Understanding text structure and author's craft.

STRENGTH AREAS - ELA:

Key Ideas and Details

- High scores in determining themes and analyzing interactions in informational texts. The district shows strength in understanding and interpreting informational and literary texts, especially when analyzing the relationships and themes within texts.

Integration of Knowledge

- Strong ability to evaluate arguments and reasoning in informational texts. Students are effective in critical thinking and evaluating arguments, which is essential for analyzing complex texts.

KEY AREAS TO FOCUS - Math:

Multi-Step Problem Solving

- Students face challenges in multi-step problems across domains, particularly when integrating multiple skills. Challenge with solving equations and inequalities involving practical applications.

Real-World Applications

- Real-world contexts (e.g., probability, proportions, and algebraic problems) appear challenging for some students, suggesting a need for more contextual learning; Analyze proportional relationships and use them to solve multi-step real-world problems regarding Constructed Response questions.

STRENGTH AREAS - Math:

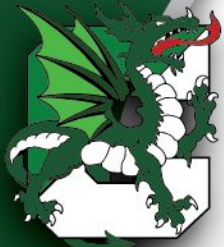
Statistics and Probability

- Strong performance in interpreting statistical data and drawing inferences.

Ratios and Proportional Relationships

- Mastery in solving proportional relationships and applying them to real-world problems.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Grade 8 ELA & Math

KEY AREAS TO FOCUS - ELA:

Informational Texts

- Students struggle with analyzing interactions and relationships in informational texts. Students also struggle with summarizing central ideas while omitting extraneous details.

STRENGTH AREAS - ELA:

Key Ideas and Details

- High performance in analyzing themes, summarizing, and understanding interactions within texts.

Integration of Knowledge and Ideas

- Strong ability to evaluate arguments and compare texts. Integration of knowledge and ideas reflects the ability to think critically about text relationships, preparing students for interdisciplinary literacy.

Vocabulary Acquisition and Use

- Mastery in applying strategies to determine word meanings. Strong vocabulary skills enable students to tackle complex texts and unfamiliar terminology with confidence, supporting overall comprehension.

KEY AREAS TO FOCUS - Math:

- Students struggle with multi-step problems that require connecting different concepts in geometry and algebra.
- Difficulty with real-world applications, particularly in statistics, functions, and geometry.

STRENGTH AREAS - Math:

Algebraic and Functional Reasoning

- Consistently high scores in expressions, equations, and functions demonstrate proficiency in core algebra skills and the ability to apply them in practical contexts.
- Strong algebraic reasoning skills in simplifying and solving equations involving radicals, and making connections between equations and their graphical representations.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - ELA Regents

KEY AREAS TO FOCUS:

Vocabulary and Language Standards:

- Determine or clarify the meaning of unknown and multiple-meaning words
- Determine the meaning of words and phrases, including figurative language

Author's Rhetoric and Structural Analysis:

- Determine an author's point of view and purpose

Craft and Structure Cluster:

- Analyze an author's choices in structure

** Vocabulary Acquisition and Use and Craft and Structure:

- Understanding figurative language and nuanced word meanings.
- Analyzing how structural elements and rhetorical strategies affect meaning.

STRENGTH AREAS:

High Percentages of Points Earned:

- Analyze a complex set of ideas or sequence of events
- Determine two or more central ideas and analyze their development
- Analyzing point of view and subtext

Striving for
Excellence
Every
Day



Reflection/Next Steps - Algebra I Regents

KEY AREAS TO FOCUS:

Interpret parameters in linear and exponential functions:

- Students may struggle to contextualize parameters (e.g., slope, y-intercept) in real-world scenarios.

Calculate and interpret the average rate of change of a function:

- This suggests challenges with applying the rate of change to specific intervals or interpreting it contextually.

Understanding domain and range as a function relationship:

- Students may find it challenging to conceptualize or apply these abstract ideas.

STRENGTH AREAS:

Strong Engagement:

- There were no non-responses across the test, showing that students actively attempted all questions, reflecting good engagement and effort during the exam.

Competency in Foundational Skills:

- High scores in areas such as polynomial arithmetic and recognizing properties of rational and irrational numbers suggest that students have mastered essential foundational skills.

Real-World Context Problem Solving:

- When creating equations and linear inequalities to represent real-world scenarios, students showed a high ability to connect algebraic concepts to practical problems.

Consistency in High-Level Thinking:

- The consistent performance involving deeper analytical skills like interpreting parameters, shows a balanced strength in understanding complex ideas.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Geometry Regents

KEY AREAS TO FOCUS:

Abstract Concepts: Struggles with understanding transformations, dilations and similarity relationships

Analytical Geometry: Difficulty applying proportionality in coordinate-based problems.

Applied Problems: Challenges with modeling and interpreting real-world geometric scenarios.

STRENGTH AREAS:

Strong conceptual understanding in areas requiring visualization (e.g., transformations volume, cross-sections.)

Proficiency in applying coordinate geometry techniques.

Solid grasp of basic and advanced trigonometry, reflecting preparation for algebraic and geometric problem-solving.

These areas indicate students are well-prepared in foundational and applied geometric concepts critical for success in math and related disciplines.

Striving for
Excellence
Every
Day



Reflection/Next Steps - Algebra II Regents

KEY AREAS TO FOCUS:

Strengthening these skills would help students achieve a more comprehensive understanding of Algebra II concepts.

Complex Quadratic Solutions

- Students struggle with solving quadratic equations involving complex solutions and applying methods like completing the square and factoring.

Exponential Transformations

- Students have difficulty using properties of exponents to transform expressions, especially in real-world contexts like interest rate conversions.

Conditional Probability

- Interpreting and calculating conditional probabilities, as well as analyzing quantitative data, are areas for growth.

STRENGTH AREAS:

Rewrite Expressions

- This demonstrates strong proficiency in using properties of exponents to rewrite expressions involving radicals and rational exponents.

Solve Equations Graphically

- Students excelled in finding the solutions of equations graphically, particularly recognizing the intersections of graphs.

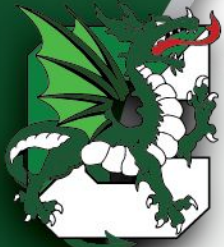
Systems of Equations

- Students showed strength in solving systems of equations involving linear and quadratic equations.

Structure of Expressions

- Students displayed exceptional skill in recognizing ways to rewrite expressions, such as factoring differences of squares.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Living Environment- Biology Regents

KEY AREAS TO FOCUS:

Molecular and Cellular Biology:

- Focus on protein function, energy processes, and differentiation.

Reproductive Biology:

- Strengthen understanding of female systems and embryonic development.

Ecology and Evolution:

- Improve grasp on ecosystem stability, evolution mechanisms, and disruptions.

Scientific Context:

- Enhance understanding of historical scientific contributions.

STRENGTH AREAS:

Results show both conceptual and applied strengths, particularly in genetics, ecosystems, human-environment interactions, and immune system functionality.

Ecosystem Interdependence

- Students showed strong comprehension of relationships among producers, consumers, and decomposers.

Development and Disease

- High performance in understanding the role of vaccines.

Immune System and Homeostasis

- Students grasped how the immune system defends against pathogens and cancer cells.

Striving for
Excellence
Every
Day



Reflection/Next Steps - Earth Science Regents

KEY AREAS TO FOCUS:

Generalized weakness exist in applying critical thinking, understanding complex Earth and atmospheric phenomena, and erosion processes. This indicates a need for enhanced instructional strategies and support in higher-order thinking and integrative topics.

Critical Thinking in Mathematical Problems

- Students underperform in applying math to scientific scenarios, falling short of standard expectations.

Complex Earth Phenomena

- Abstract and multivariable concepts present challenges, signaling a gap in achieving full alignment with standards.

STRENGTH AREAS:

Deductive and Inductive Reasoning

- Requires students to use logical reasoning to reach conclusions.

Geologic History and Plate Tectonics

- Requires reconstruction of Earth's geologic history and explaining tectonic movements.

Heat Transfer and Erosion

- Requires explanation of energy transfer in Earth's systems and erosion's role in shaping landscapes.

*Striving for
Excellence
Every
Day*



Reflection/Next Steps - Chemistry

KEY AREAS TO FOCUS:

Potential Energy Diagrams

- Representing energy changes during chemical reactions with potential energy diagrams. Students may struggle to interpret or draw diagrams showing activation energy and reaction pathways. They may also misunderstand endothermic vs. exothermic processes.

Reduction Half-Reactions

- Writing half-reactions for reduction processes. This may result in limited practice in identifying and writing specific half-reactions and confusion between oxidation and reduction processes.

Average Atomic Mass

- Understanding that average atomic mass is the weighted average of isotopic masses.

STRENGTH AREAS:

Continual high-performance areas on this assessment:

Acidity and Alkalinity

- Measuring pH values and interpreting indicators.

Periodic Table

- Classifying elements by their properties and positions.

Types of Chemical Reactions

- Demonstrates a strong grasp of fundamental reaction types like synthesis, decomposition, and replacement reactions.

Striving for
Excellence
Every
Day



Reflection/Next Steps - Physics

KEY AREAS TO FOCUS:

Energy Transformations

- Understanding that the total mechanical energy (kinetic + potential) remains constant in an ideal system.

Mechanics

- Analyzing the dependence of projectile time of flight on vertical motion.

Experimentation and Analysis

- Evaluating the correspondence between hypotheses and actual results in complex scenarios.

STRENGTH AREAS:

Student continued strengths indicate students are doing particularly well in understanding fundamental principles across energy, mechanics, and wave concepts, along with demonstrating critical thinking in experimental analysis.

Proficiency in Mechanics

- Students demonstrate strong performance in Newton's First Law - understanding inertia and uniform motion.

Momentum Conservation

- Recognizing momentum conservation in closed systems.

Weight and Mass

- Understanding weight as the gravitational force and mass as invariant.

Problem-Solving and Experimentation

- Students excel in assessing hypotheses and analyzing data to evaluate scientific predictions

Striving for
Excellence
Every
Day



Reflection/Next Steps - Global History II Regents

KEY AREAS TO FOCUS:

Deeper Contextual Analysis

- Encourage students to analyze historical events from multiple perspectives, particularly in underperforming areas like the Cold War and globalization.

Interdisciplinary Connections

- Incorporate connections between history, geography, economics, and civics to enrich understanding of themes like globalization and human-environment interaction.

STRENGTH AREAS:

Interconnectedness and Change

- Through industrialization, globalization, and modernization topics.

Human Rights and Social Justice

- Evident in topics on atrocities and human rights principles.

Government and Civics

- Application of knowledge about international organizations and treaties.

Results continually show students have strong critical thinking, analytical, and contextual application skills.

Striving for
Excellence
Every
Day



Reflection/Next Steps - US History Regents

KEY AREAS TO FOCUS:

Essay Writing (Across Multiple Standards)

Possible reasons:

- Challenges with constructing well-organized arguments.
- Difficulty integrating historical knowledge with essay prompts.
- Limited skills in articulating nuanced perspectives or drawing connections.

STRENGTH AREAS:

Students continue to appear to perform particularly well on certain topics aligned with the NYSED U.S. History & Government standards.

World War II - Impact of Pearl Harbor

- Students demonstrated high proficiency on questions examining the impact of the Japanese attack on Pearl Harbor

World War II - Executive Order for Japanese Removal

- Questions related to President Roosevelt's executive order and its implications (e.g., Korematsu v. United States) also showed strong results.

World War II - Contributions and Challenges of Minority Groups

- The performance on questions exploring contributions and discrimination experienced by minority groups during the war effort.

Striving for
Excellence
Every
Day



Current NYS Diploma Requirements & Regents Exam requirements:

To graduate from a New York State high school, students **must pass five Regents exams** with a score of at least 65%. **The exams must include one each** of English Language Arts (ELA), math, science, and social studies. Students can choose from a variety of exams in each subject category.

Regents Exams Offered Based on the Above Criteria:

- **English Language Arts (ELA):** Required for all students (*taken in 11th grade*)
- **Math:** Students can choose from Algebra I, Geometry, or Algebra II/Trigonometry
- **Science:** Students can choose from Living Environment, Chemistry, Earth Science, or Physics
- **Social Studies:** Students can choose from Global History and Geography or U.S. History and Government

Striving for
Excellence
Every
Day



Current NYS Diploma Requirements & Regents Exam requirements:

Credit Requirements

This table shows the number of credits required for each subject. It's important to note in most subjects, students choose the courses they want to take to meet the minimum requirements.

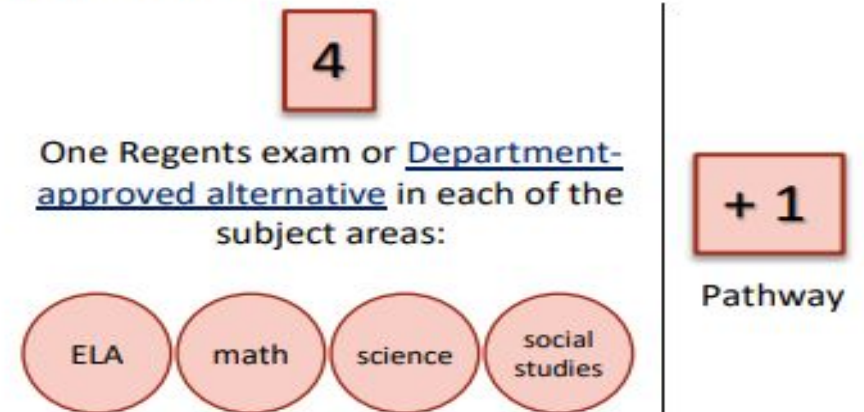
	Minimum number of credits
English	4
Social Studies	4
<i>Distributed as follows:</i>	
<i>Global History and Geography (2)</i>	
<i>U.S. History (1)</i>	
<i>Participation in Government (½)</i>	
<i>Economics (½)</i>	
Science	3
<i>Distributed as follows:</i>	
<i>Life Science (1)</i>	
<i>Physical Science (1)</i>	
<i>Life Science or Physical Science (1)</i>	
Mathematics	3
World Languages	1*
Visual Art, Music, Dance, and/or Theater	1
Physical Education <i>(participation each semester)</i>	2
Health	0.5
Electives	3.5
Total	22

* Students with disabilities may be excused from the requirement for 1 unit of credit in World Languages if indicated on their IEP, but they must still earn 22 units of credit to graduate.

Exam Requirements

In addition to the 22 units of credit, students must also meet the NYS exam requirements to earn a diploma.

To meet the exam requirements, students must pass 4 exams + 1 pathway. All students must pass one exam (Regents exam or Department-approved alternative) in each of the four subject areas (English, mathematics, science, social studies) plus one pathway.



Striving for
Excellence
Every
Day



NY Regents Exams

How many students took each exam in Spring 2024 ...

English Language Arts = 255 students

Chemistry = 203 students

Global History & Geography II =
261 students

Physics = 47 students

US History and Government =
252 students

Algebra I (NEW EXAM 2024) =
267 students

Earth Science = 231 students

Geometry = 183 students

Living Environment (Biology) =
276 students

Algebra II = 186 students

*Striving for
Excellence
Every
Day*



Pathways & Diploma Types

To learn more about the NYSED Multiple Pathways to Graduation, click here:

<https://www.nysed.gov/standards-instruction/multiple-pathways>

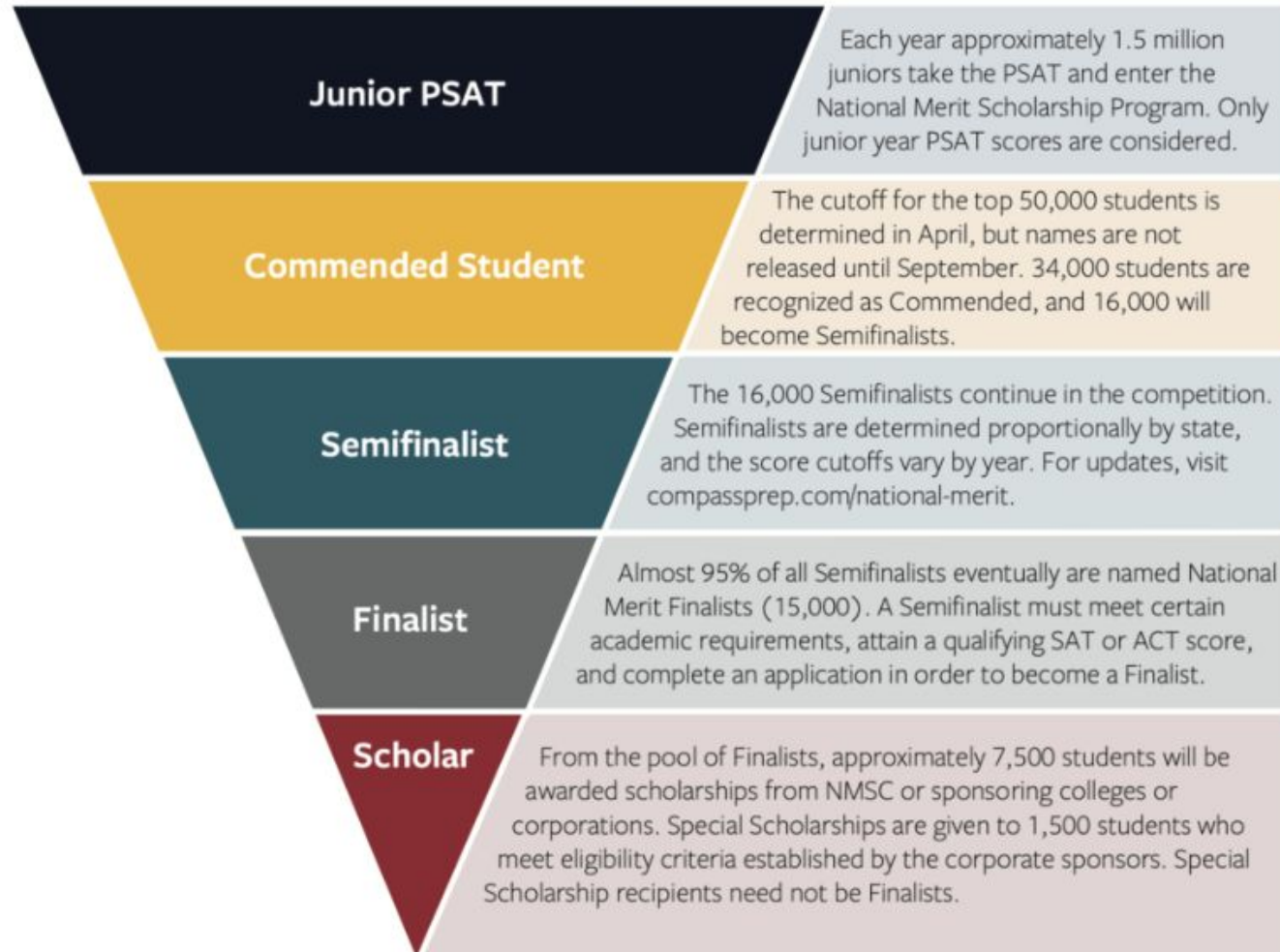
To learn more about the NYSED Credit Requirements and Diploma Types, click here:

<https://www.nysed.gov/standards-instruction/graduation-requirements>

Striving for
Excellence
Every
Day



CCSD National Merit Student Acknowledgments



*Striving for
Excellence
Every
Day*



2023 & 2024 National Merit Acknowledgments (PSAT EXAM)

6 students awarded as “Commended Scholars”

4 students moved to “Semi-Finalists”

2 CCHS students acknowledged as “Finalists”

*Striving for
Excellence
Every
Day*



Class of 2024 SAT Data

SAT I (Class of 2024) Combined Score	CCHS Students	%
1400-1600	12	8%
1200-1390	52	34%
1000-1190	66	43%
800-990	21	14%
600-790	2	<1%
400-590	0	-
MEAN Combined Score 1163		

SAT Benchmarks (College and Career Readiness) For August 2023-June 2024	
Met ERW Benchmarks	98%
Met Math Benchmarks	87%
Met Both Benchmarks	87%

*Striving for
Excellence
Every
Day*



CCHS - Advanced Placement Offerings

Art Studio/ 2D

Calculus AB

Computer Science A

English Literature

French Language

Music Theory

Psychology

Statistics

Biology

Chemistry

English Language

Environmental Science

Macroeconomics

Physics

Spanish Language

US History

*Striving for
Excellence
Every
Day*



CCHS - Planning for beyond the CCSD

In May of 2024

228 Cornwall students sat for

417 AP (College Board Advanced Placement) exams

35 of our AP students in 2024 were considered **AP Scholars**
(received a 3 or higher on 5 or more exams)

12 of our AP students in 2024 were considered **AP Honors**
(received a 3 or higher on 4 or more exams)

24 of our AP students in 2024 were considered **AP with Distinction**

CCHS has a 84% rate overall of obtaining a
3 or higher on AP exams over the last 6 years

Typically colleges award college credit for a score of 3 or higher

*Striving for
Excellence
Every
Day*



CCHS - College Credit Offerings

In addition, CCHS students have the opportunity to earn college credit through:

SUNY Albany University in the High School Program in Foreign Language and Science Research

SUNY Orange Community College in the High School Program in English, Mathematics, Technology and Business

Marist College High School College Program in Accounting and Music Theory

*Striving for
Excellence
Every
Day*



Class of 2024- Graduating Class Profile Overview

CCSD Class of 2024

- 271** Students in the 2024 Graduating Class
- 269** Regents Diploma Recipients (99%)
- 75%** Entered Four-Year Colleges
- 16%** Entered Two-Year Colleges
- 4%** Entered the Workforce
- 1%** Entered the Military or Other Programs
- 4%** Undecided/Other Plan/Unknown

*Striving for
Excellence
Every
Day*



CCHS Graduation Rate



Class of 2024 - 97%

Class of 2023 - 97%

Class of 2022 - 97%

Class of 2021 - 96%

Class of 2020 - 97%

Class of 2019 - 95%

Class of 2018 - 95%

*Striving for
Excellence
Every
Day*



Graduating Destinations - Class of 2024

Post-Graduate Destinations: Classes of 2023-2024

Alfred University
Amherst College
Appalachian State University
Arizona State University
Barry University
Bentley University
Binghamton University
Boston College
Boston University
Brigham Young University
Bucknell University
Butler University
Cape Fear Community College
Case Western Reserve University
Centenary University
Christopher Newport University
Clarkson University
Clemson University
Coastal Carolina University
College of the Holy Cross
Cornell University
Daemen University
Daytona State College
Delaware College of Art and Design
Dominican College
Drexel University
Dutchess Community College
Eastern Connecticut State University

Makeup Designory (MUD)
Manhattan College
Massachusetts Maritime Academy
Marion Military Institute
Marist College
Marywood University
Mercer County Community College
Mercy College - All Campuses
Michigan State University
Monmouth University
Mount Saint Mary College
New York University—Abu Dhabi
Northeastern University
Northwestern University
Norwich University
Orange County Community College
Pace University, New York City
Parsons School of Design—The New School
Pennsylvania College of Technology
Pennsylvania State University—University Park
Pennsylvania State University—Harrisburg
Point Park University
Providence College
Purchase College, SUNY
Queens College of the CUNY
Quinnipiac University
Rensselaer Polytechnic Institute
Roberts Wesleyan College

Susquehanna University
Swarthmore College
Syracuse University
Temple University
Texas A&M University
Tilburg University—Netherlands
The University of Alabama
The University of Chicago
The University of Scranton
The University of Tampa
The University of Utah
Tufts University
United States Air Force Academy
United States Army
United States Army National Guard
United States Coast Guard Academy
United States Marine Corps
United States Merchant Marine Academy
United States Military Academy
United States Naval Academy
United Brotherhood of Carpenters (UBC)
University of Bridgeport
University at Buffalo
University of Central Florida
University of Connecticut
University of Delaware
University of Georgia
University of Kansas

*Striving for
Excellence
Every
Day*



Graduating Destinations - Class of 2024

Embry-Riddle Aeronautical University
Erie Community College
Fairfield University
Fashion Institute of Technology
Florida Atlantic University
Florida Institute of Technology
Florida Southern College
Fordham University
Full Sail University
George Mason University
Hamilton College - NY
Hampton University
Hartwick College
Harvard College
Herkimer Community College
Hofstra University
Horry Georgetown Technical College
Houghton College
Hudson Valley Community College
Hunter College of the CUNY
Institute of American Musical Theater
Iona College

Rochester Institute of Technology
Rockland Community College
Russell Sage College
Rutgers University—New Brunswick
Sacred Heart University
Savannah College of Art and Design
School of Visual Arts
Seton Hall University
Siena College
Smith College
Southeastern University
Springfield College
St. Bonaventure University
St. John's University
St. Lawrence University
St. Thomas Aquinas College
State University of New York at New Paltz
Stevens Institute of Technology
Stony Brook University
SUNY Albany
SUNY Alfred State College
SUNY Buffalo State College

University of Massachusetts, Amherst
University of Massachusetts, Boston
University of Michigan
University of Missouri
University of Nebraska—Lincoln
University of New Hampshire at Durham
University of North Carolina at Charlotte
University of North Carolina at Wilmington
University of North Texas
University of Pittsburgh
University of Rhode Island
University of South Alabama
University of South Carolina—Columbia
University of South Florida, Tampa
University of Tennessee, Knoxville
Utica University
Vassar College
Villanova University
Virginia Tech
Waynesburg University
Westchester Community College
Western Connecticut State University

*Striving for
Excellence
Every
Day*



Graduating Destinations - Class of 2024

Local 3 International Brotherhood of
Electrical Workers (IBEW 3)
Ithaca College
Kansas State University
Kean University
Kent State University
King's College
Le Moyne College
Liberty University
Lincoln Technical Institute
Louisiana State University
Loyola University -Chicago
Maine Maritime Academy

SUNY College at Brockport
SUNY College at Cortland
SUNY College at Geneseo
SUNY College at Oneonta
SUNY College at Potsdam
SUNY College of Technology at Canton
SUNY Delhi
SUNY Fredonia
SUNY Maritime College
SUNY Morrisville
SUNY Oswego
SUNY Plattsburgh
SUNY Polytechnic Institute

William Paterson University of New Jersey



*Striving for
Excellence
Every
Day*



Our Upcoming Class of 2025

243 Students in Class of 2025

Highest Weighted GPA: 102.780

Summa Cum Laude (98+) - 19 students

Magna Cum Laude (95-97.999) - 21 students

Cum Laude (92-94.999) - 37 students

77 out of 243 in the Class of 2025 (32%) currently stand as honors graduates



*Striving for
Excellence
Every
Day*



Curriculum Updates/ Upcoming Presentations Upon Request

K-12 Science:

- *How we are building phenomena based science throughout our curriculum?*
- *What does an “Investigation” look like in the Grade 3-12 world? What is the process to prepare?*
- *Biology, Earth/Space Science, Chemistry and Physics Changes - What have we done to get ready for what’s to come?*

*Striving for
Excellence
Every
Day*



Curriculum Updates/ Upcoming Presentations Upon Request

K-4 Literacy:

- *What does “Guided Reading” look like in an elementary classroom?*
- *What are the components of a strong literacy block on the elementary level?*
- *We use F&P, LLI and Foundations - How do these resources connect to the “Science of Reading?”*
- *NYSED has released the P-3 Literacy Briefs - What is this all about?*

*Striving for
Excellence
Every
Day*



Curriculum Updates/ Upcoming Presentations Upon Request

K-8 Math Pilot:

- *Why are we looking at a new math program?*
- *What's the "Pilot Process?"*
- *What's the timeline?*
- *Who is involved?*
- *Final Steps?*

*Striving for
Excellence
Every
Day*



Curriculum Updates/ Upcoming Presentations Upon Request

SEL:

- *Where are we with Social and Emotional Learning?*
- *What is DBT (Dialectical Behavior Therapy) all about?*
- *What are the components of a DBT (mindfulness/distress tolerance/emotion regulation/interpersonal effectiveness) lesson for our students?*

*Striving for
Excellence
Every
Day*



Curriculum Updates/ Upcoming Presentations Upon Request

NYSED “Portrait of a Graduate” Changes:

- *What does this mean?*
- *When does NYS propose that these changes take place?*
- *What planning will need to happen?*
- *Does this mean Regents will no longer be required to graduate? What exams will we have?*

*Striving for
Excellence
Every
Day*

CORNWALL

CENTRAL SCHOOL DISTRICT



*Striving for
Excellence
Every Day*



Questions?

*You can find this Google Slide presentation
on the CCSD Webpage under the
Assistant Superintendent for Instruction tab:*

[CCSD 2023-2024 Assessment Highlights & Curriculum Update](#)