



# NJ Assessment Summary Results 2022-2023 Administration

Brick Township Public Schools

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*Director of Curriculum & Instruction*

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# Statewide Assessments 2023-24



## Dynamic Learning Map (DLM)

- ELA
- Math
- Science

## NJ Student Learning Assessment (NJSLA)

- ELA
- Math
- Science





# Analysis of District Data

## District Analysis

### Curriculum Supervisors

- Disaggregate Data by Subclaims
  - Curricular interventions
  - Professional development
- Lesson Frameworks that embed differentiation
- Curriculum Team digs deep into the data with Grade Level or Department PLCs to set goals

## School Analysis

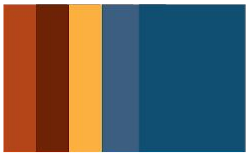
### School Based Administrators

- Data Teams identify strengths and weaknesses
- School Improvement Teams create Strategic Action Plans
- Monitor lesson plans for pacing
- Meet monthly to monitor and adjust the plan based upon data

## Classroom Analysis

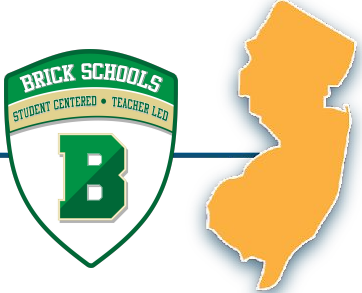
### Classroom Teachers & Interventionists

- Grade Level PLCs set goals
- Use data to create Student Growth Targets
- LinkIt Benchmarks to identify students who need more support and areas of weakness

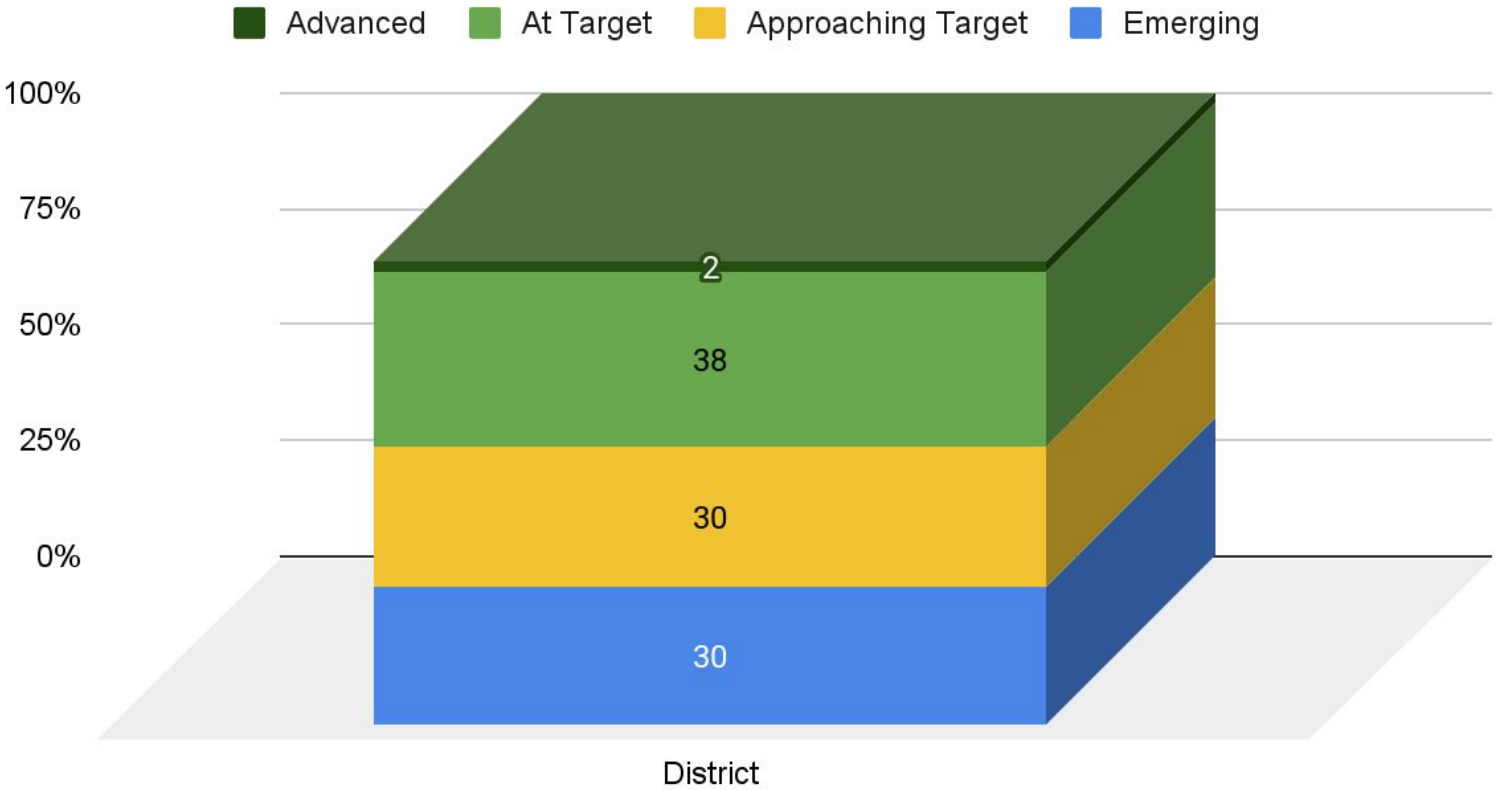


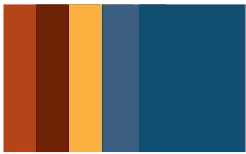
# Dynamic Learning Maps

## 2023 Administration- ELA



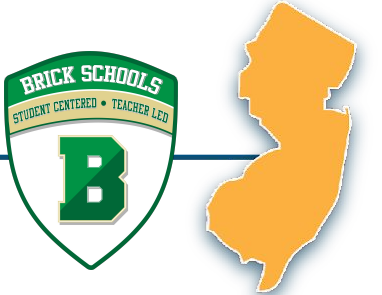
### DLM ELA Grades 3 - 8 & 11



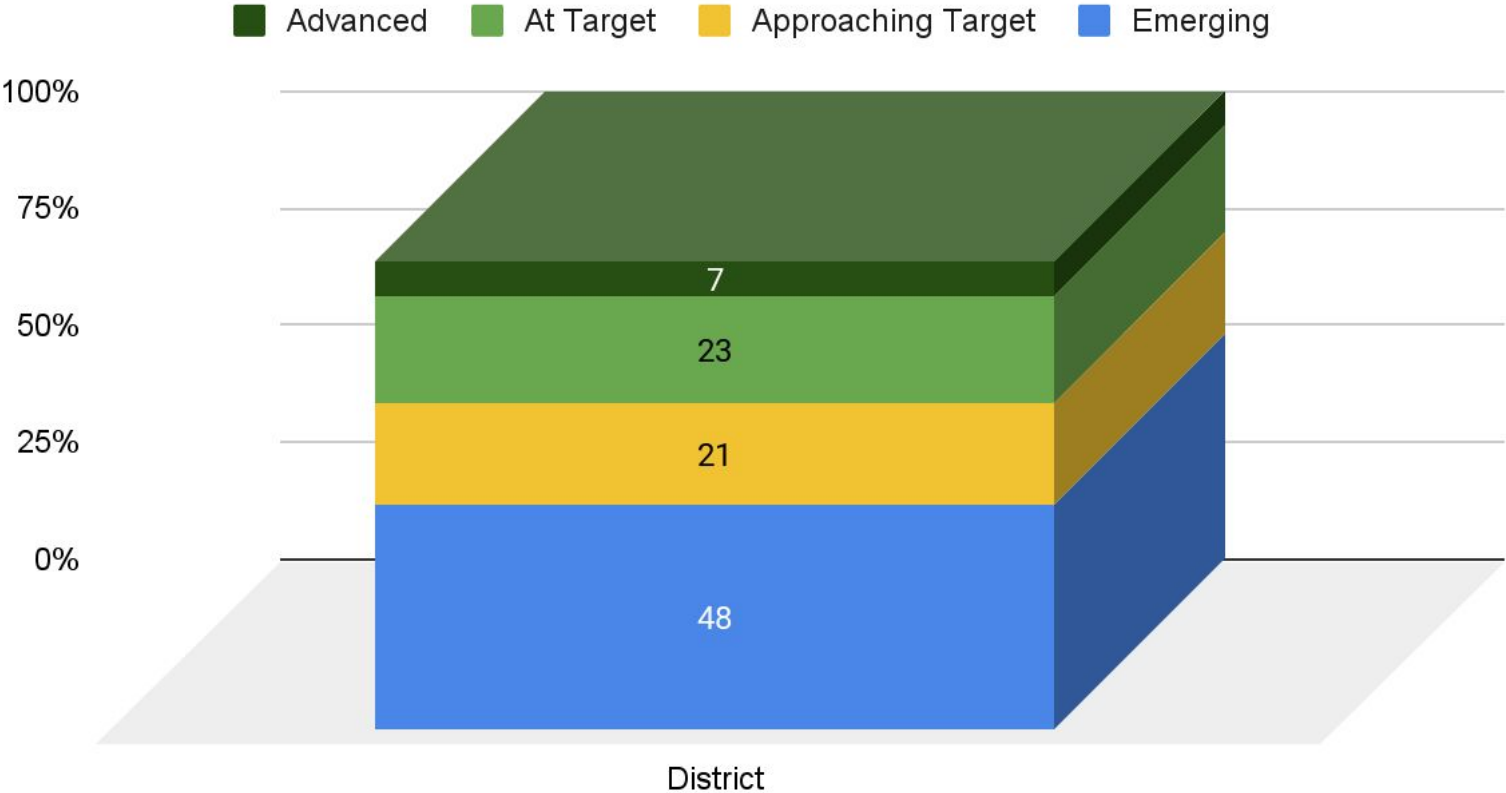


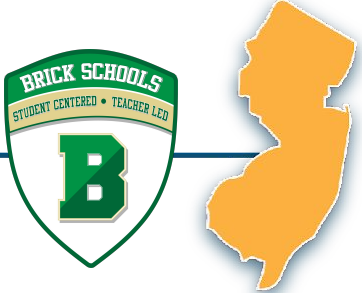
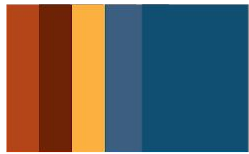
# Dynamic Learning Maps

## 2023 Administration - Math

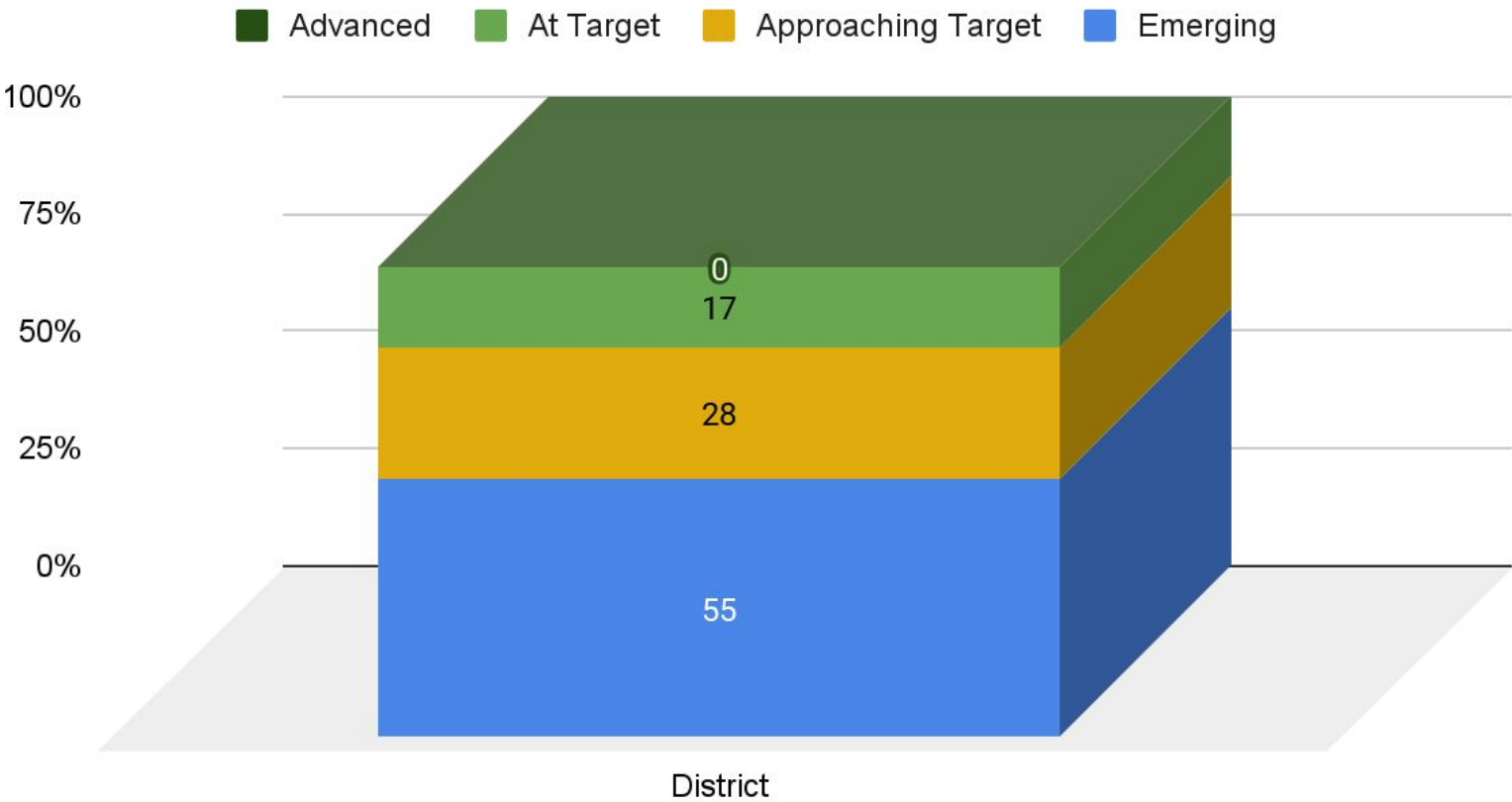


### DLM Math Grades 3 - 8 & 11





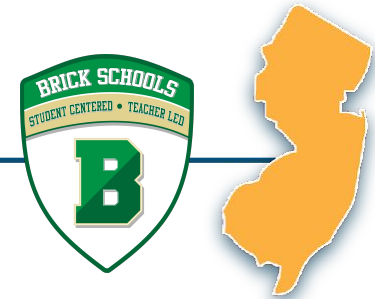
### DLM Science Grades 5, 8 & 11





# Intervention Strategies: DLM

## *Special Education ELA, Math & Science*



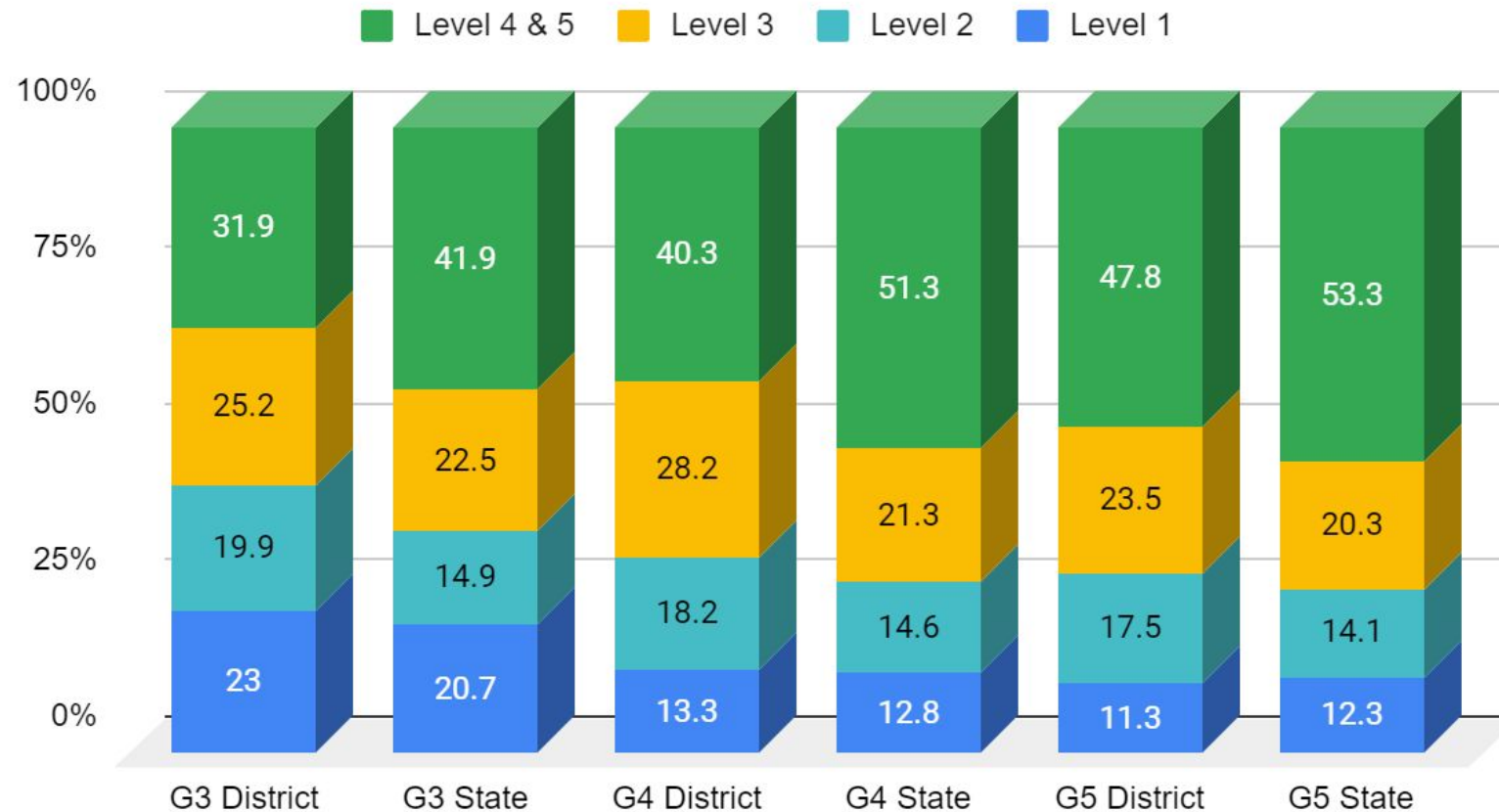
- Progress monitoring of goals and objectives
- Extended School Year program
- Daily learning centers for small group and individualized instruction
- Infusion of Essential Elements into lesson planning and instruction
- Targeted support and guidance by the Special Education Academic Coaches and Science Academic Coach
- Targeted professional development for teachers who administer the DLM
- Specialized curricular materials that address skill barriers and align with grade level Essential Elements



# Comparison of Brick Schools' Spring 2023 NJSLA Administrations English Language Arts - Percentages



## Grades 3-5 District vs. State ELA



Note: Percentages may not total 100 due to rounding.

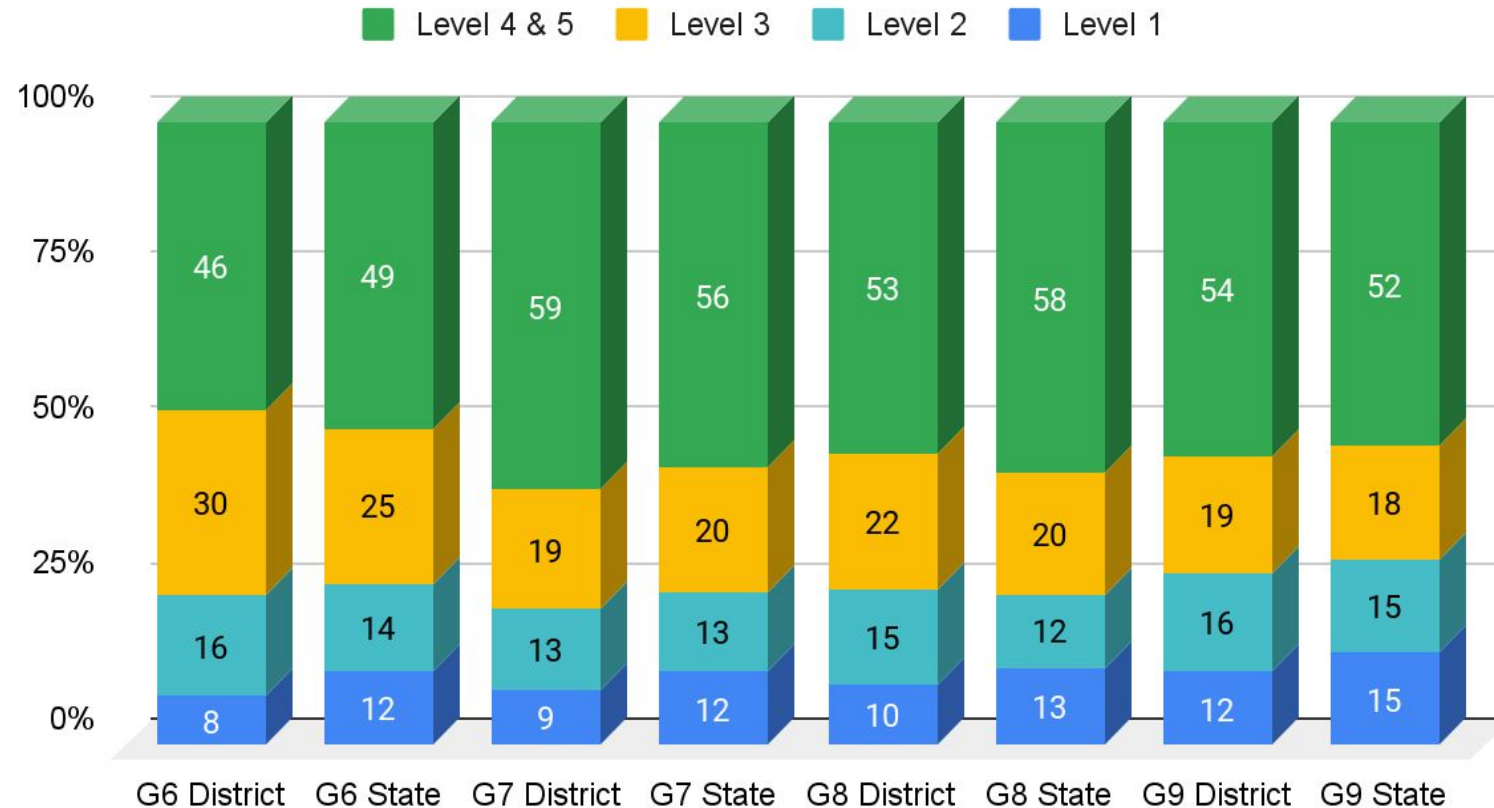




# Comparison of Brick Schools' Spring 2023 NJSLA Administrations English Language Arts - Percentages

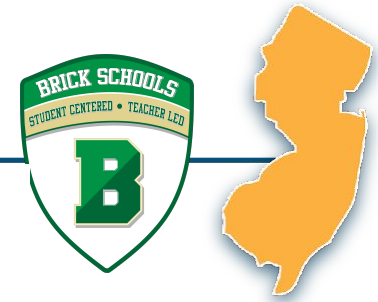


## Grades 6-9 District vs. State ELA

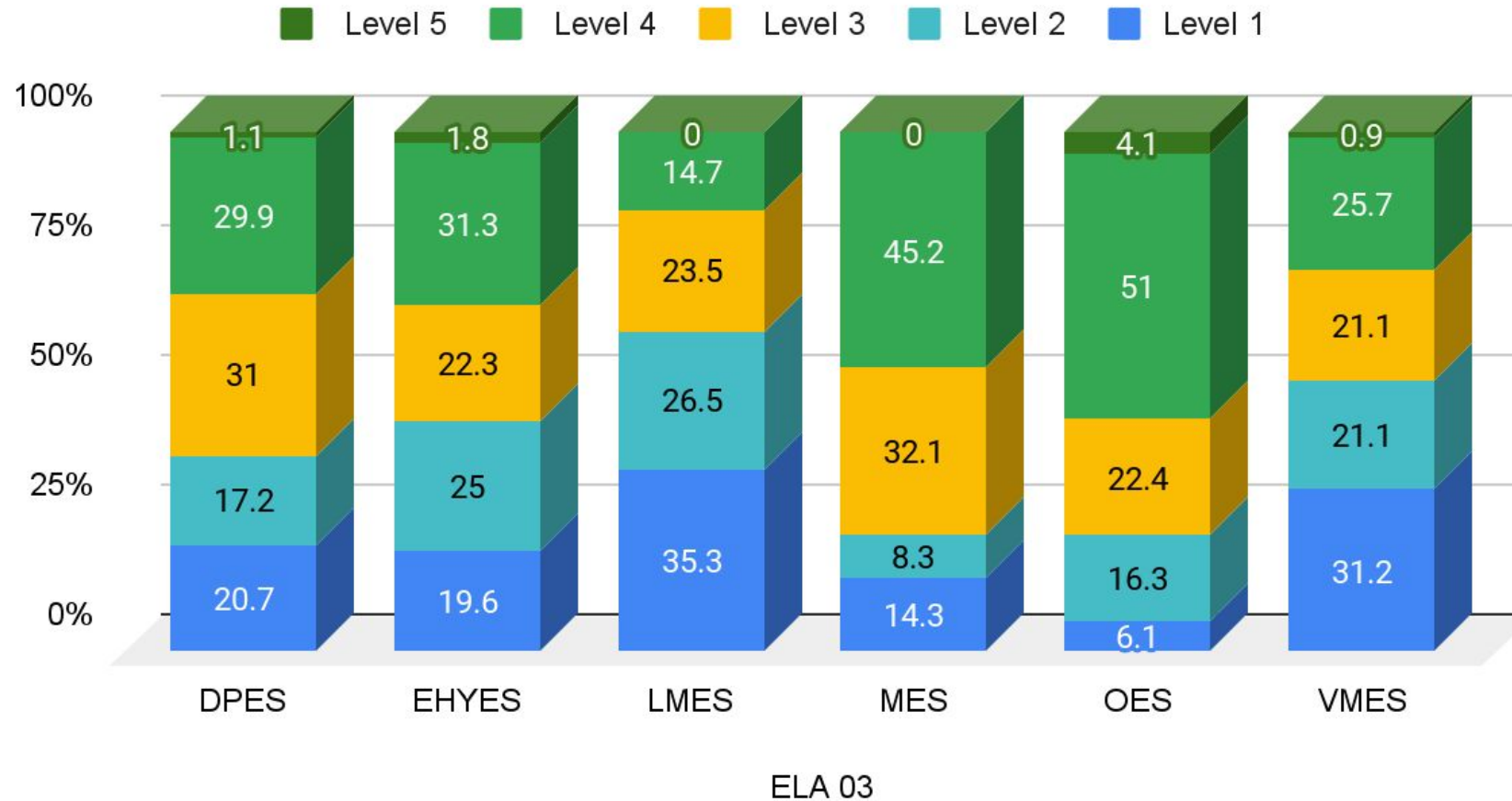


Note: Percentages may not total 100 due to rounding.

# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes English Language Arts Grade 3 - Percentages



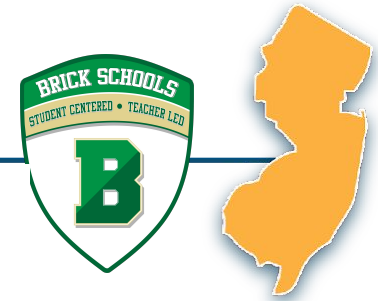
## English Language Arts Grade 3 - Percentages



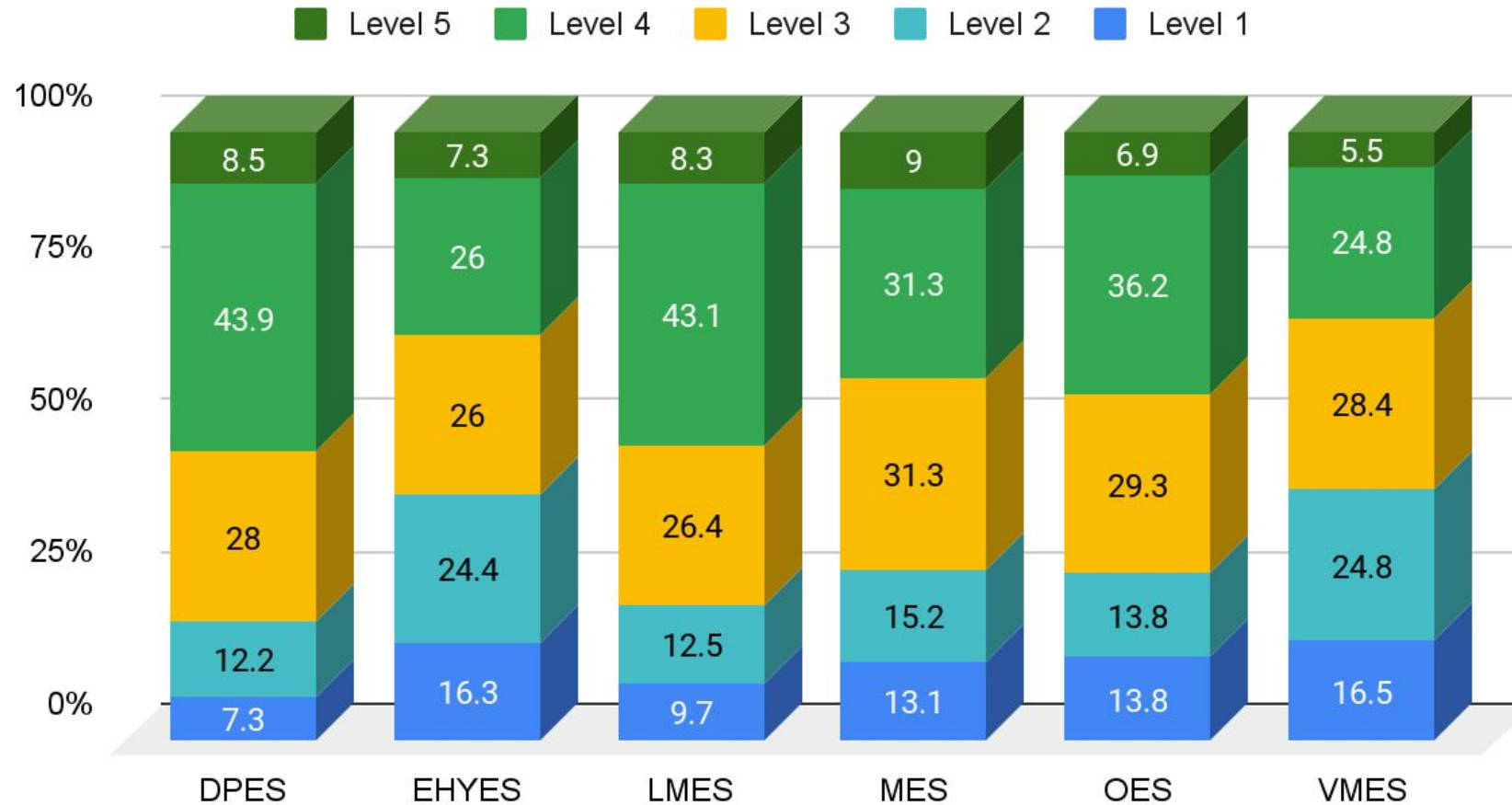
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes English Language Arts Grade 4 - Percentages



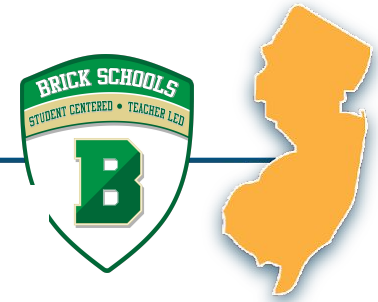
## English Language Arts Grade 4 - Percentages



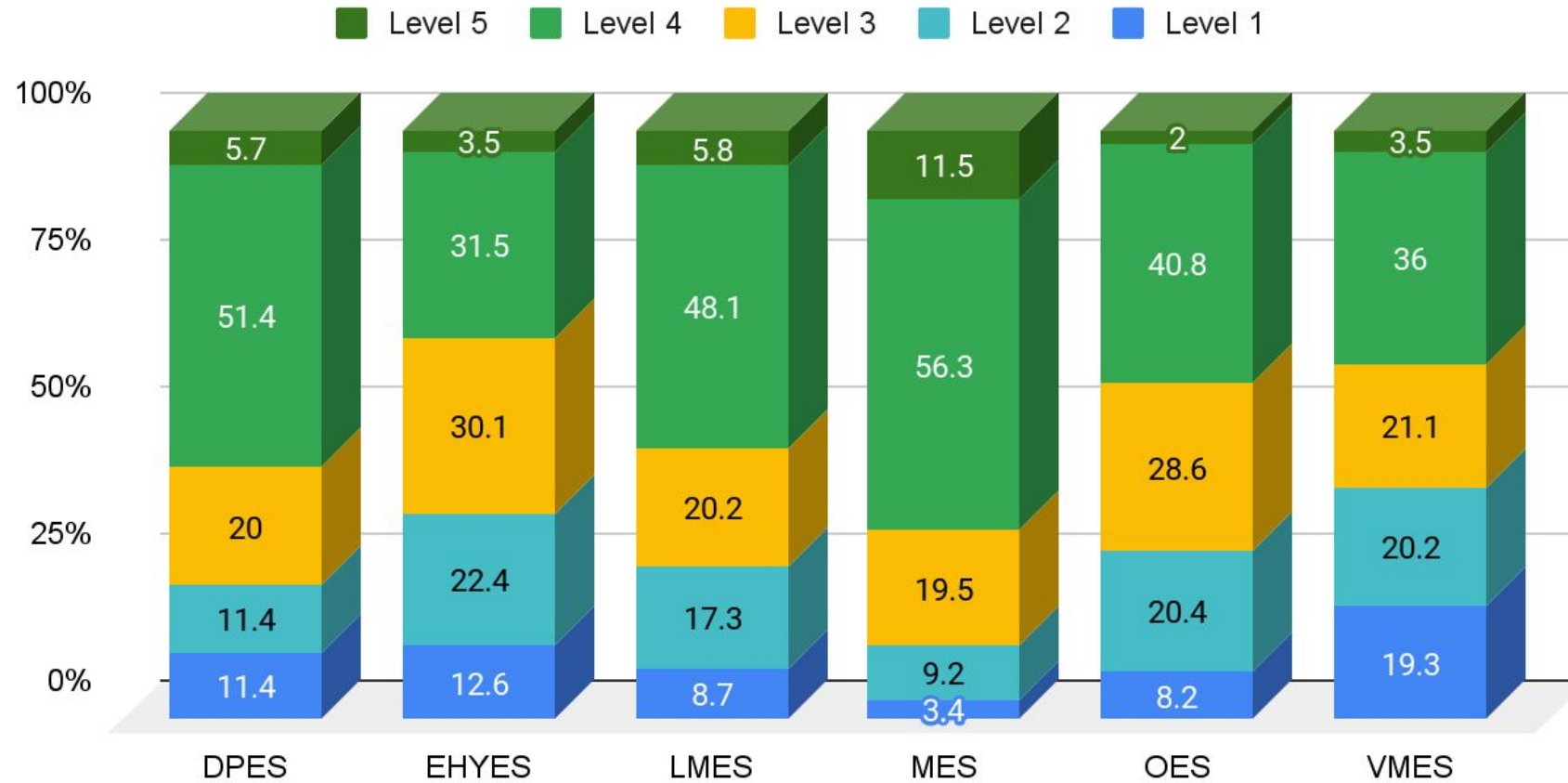
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes English Language Arts Grade 5 - Percentages



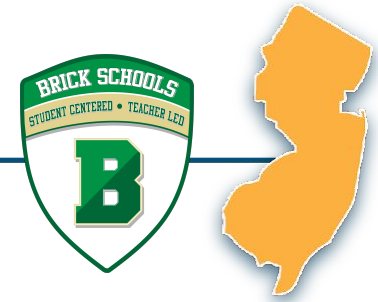
## English Language Arts Grade 5 - Percentages



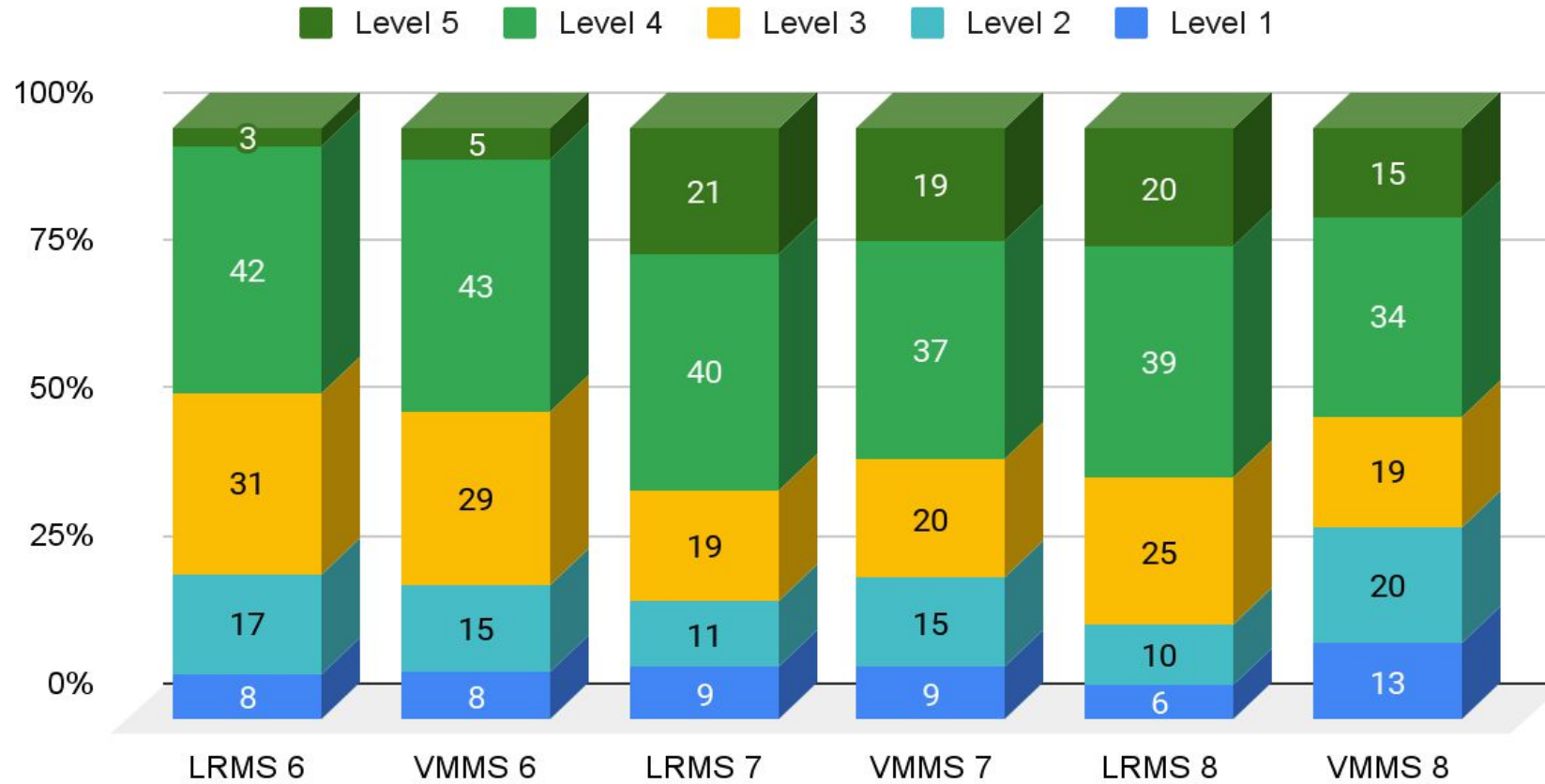
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes English Language Arts Grades 6-8 - Percentages



## English Language Arts Grades 6-8 - Percentages

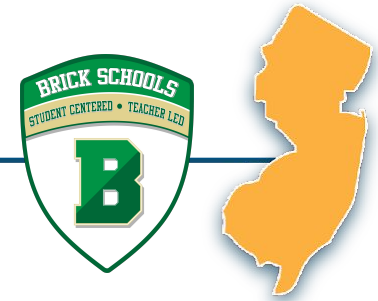


Note: Percentages may not total 100 due to rounding.

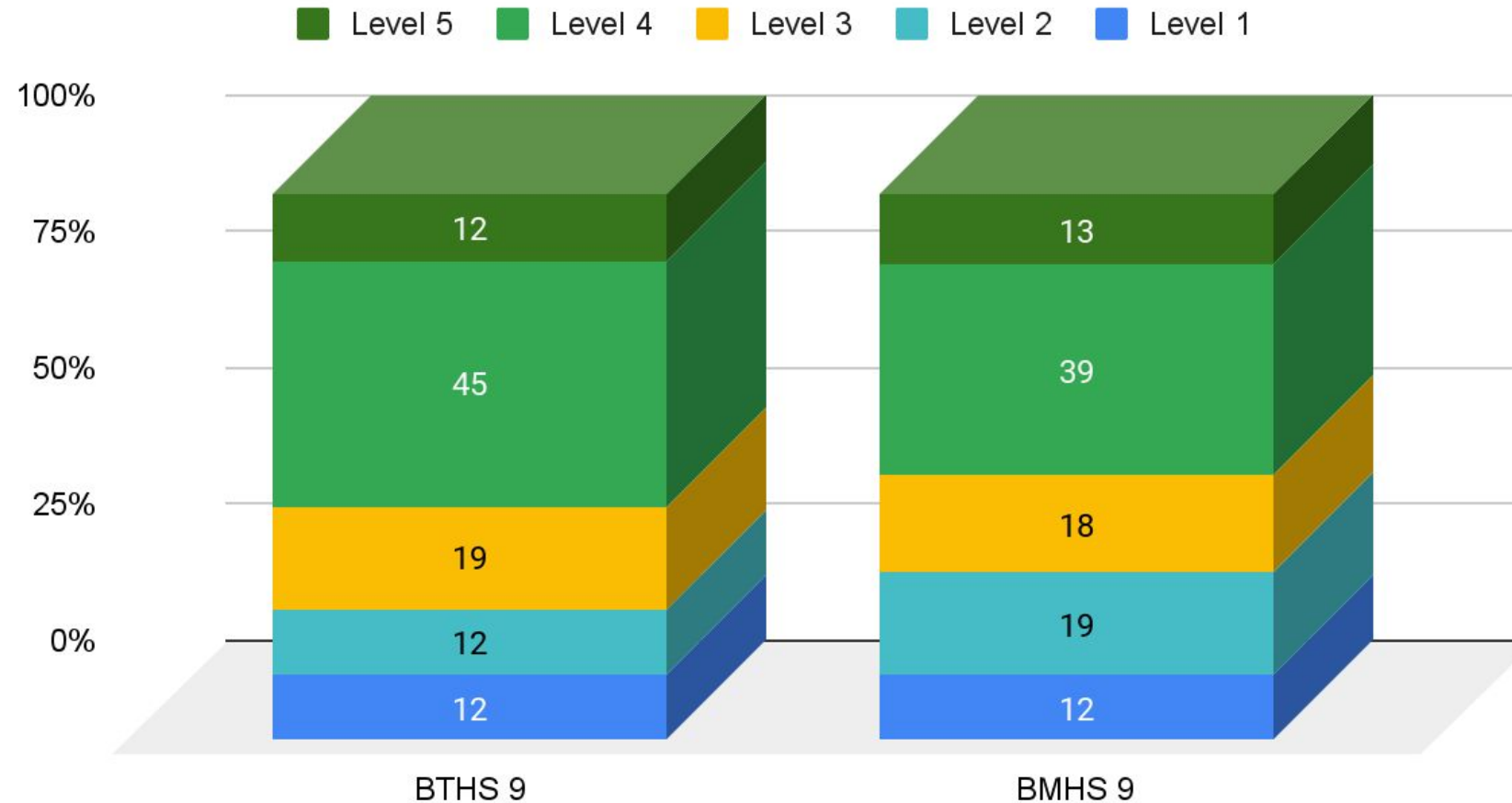




# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes English Language Arts Grade 9 - Percentages



## English Language Arts Grade 9 - Percentages

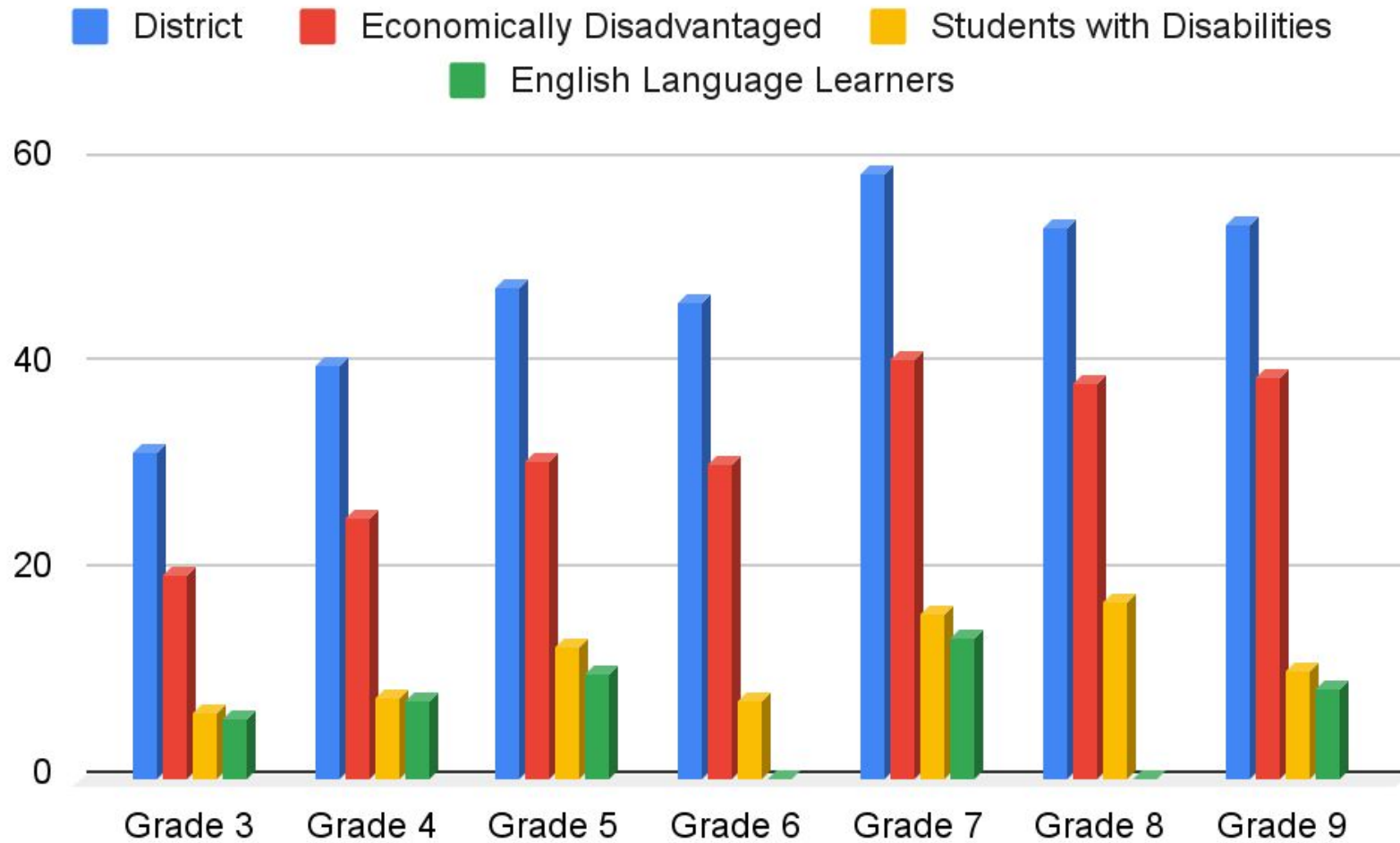
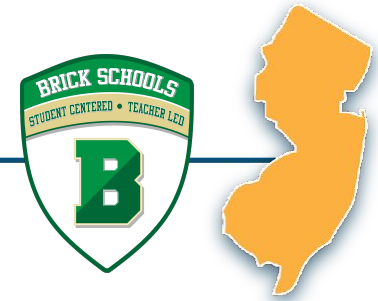


Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA Sub Groups

## English Language Arts - Percentage of students at Level 4 & 5



Note: Percentages may not total 100 due to rounding.



# Intervention Strategies - *ELA*



**Achieve3000®**  
Differentiate. Accelerate. Achieve.



**The DBQ  
Project**



**Stanford History  
Education Group**



- **Computer Adaptive Learning Programs:**
  - Lexia Core5 Reading personalized learning path
  - Achieve 3000
  - **Schoolwide Contests**
- **Goal Setting**
- **Data Informed Instruction**
- **Document Based Questions (DBQs) to build critical thinking and writing skills**
- **Integrated more interdisciplinary writing into content areas**
  - Reading Science & Technical Subjects subclaim

## **Professional Development/Teacher Support:**

- Supervisor Support- Lesson Plan Review, Pacing Guides
- Job-embedded Professional Development - Coaching Support
- Data analysis
- Student Growth Objectives
- Professional Learning Communities (PLCs)

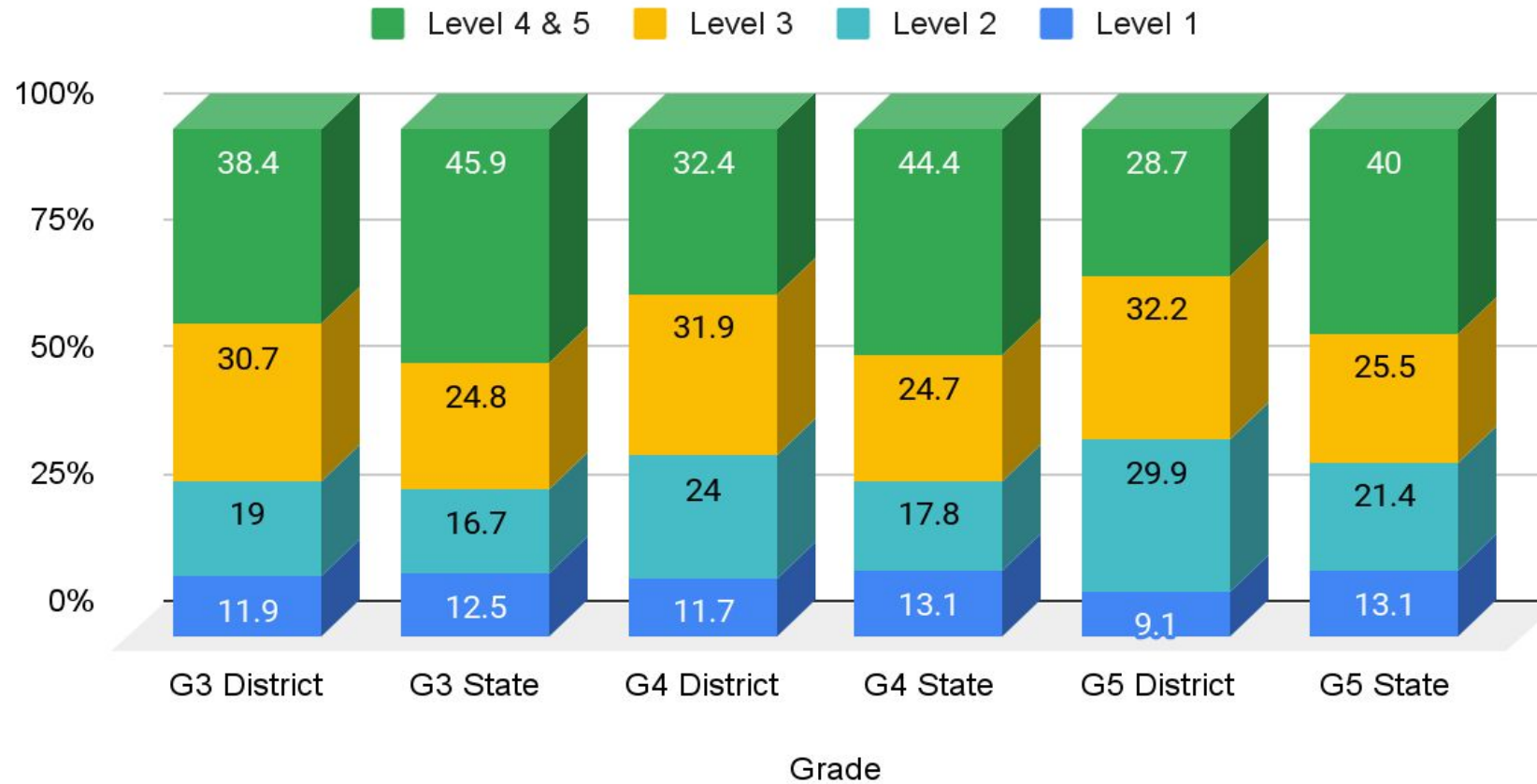




# Comparison of Brick Schools' Spring 2023 NJSLA Administrations Mathematics Gr 3-5 - Percentages



## District vs State Mathematics: Grades 3-5



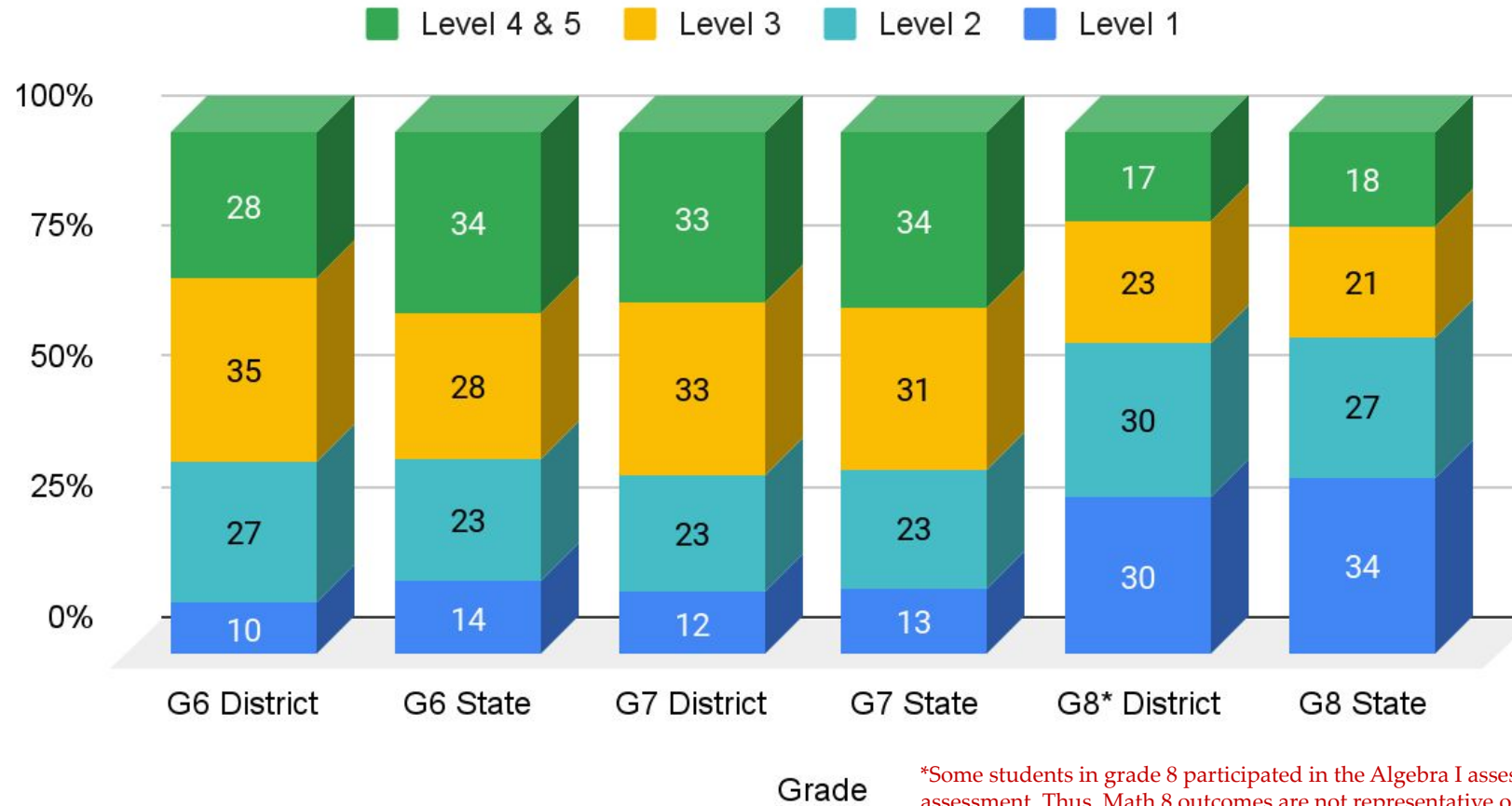
Note: Percentages may not total 100 due to rounding.



# Comparison of Brick Schools' Spring 2023 NJSLA Administrations Mathematics Gr 6-8 - Percentages



## District vs State Mathematics: Grades 6-8

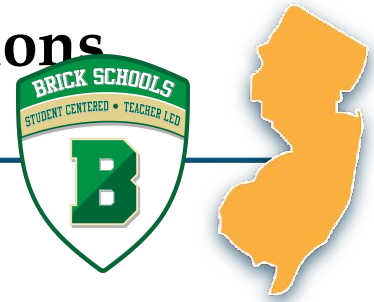


\*Some students in grade 8 participated in the Algebra I assessment in place of the 8<sup>th</sup> grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.

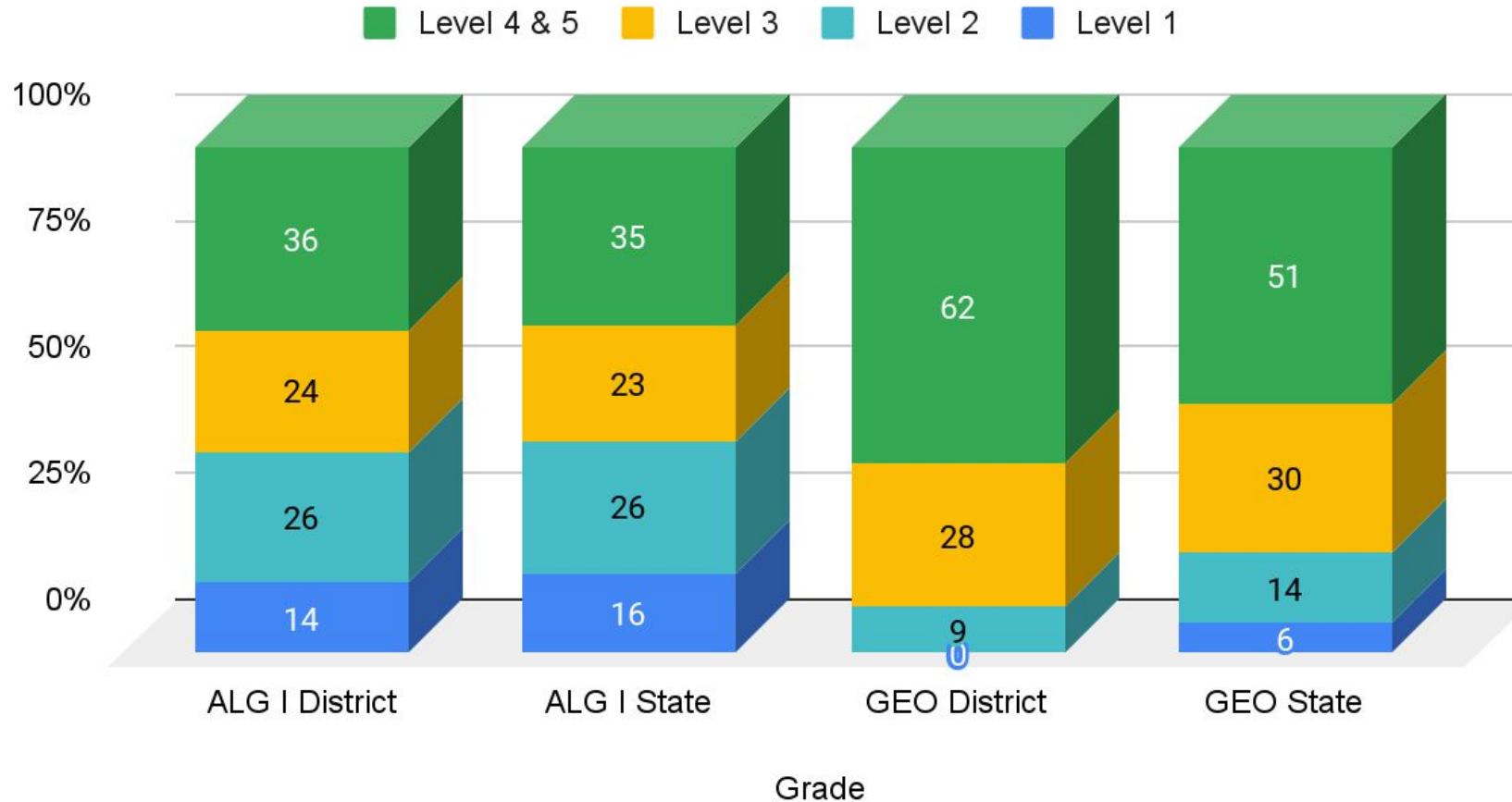


Note: Percentages may not total 100 due to rounding.

# Comparison of Brick Schools' Spring 2023 NJSLA Administrations Mathematics Algebra 1 & Geometry - Percentages



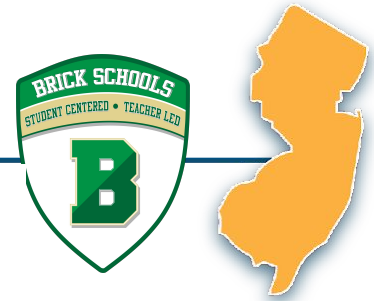
## District vs State Mathematics: Algebra I & Geometry



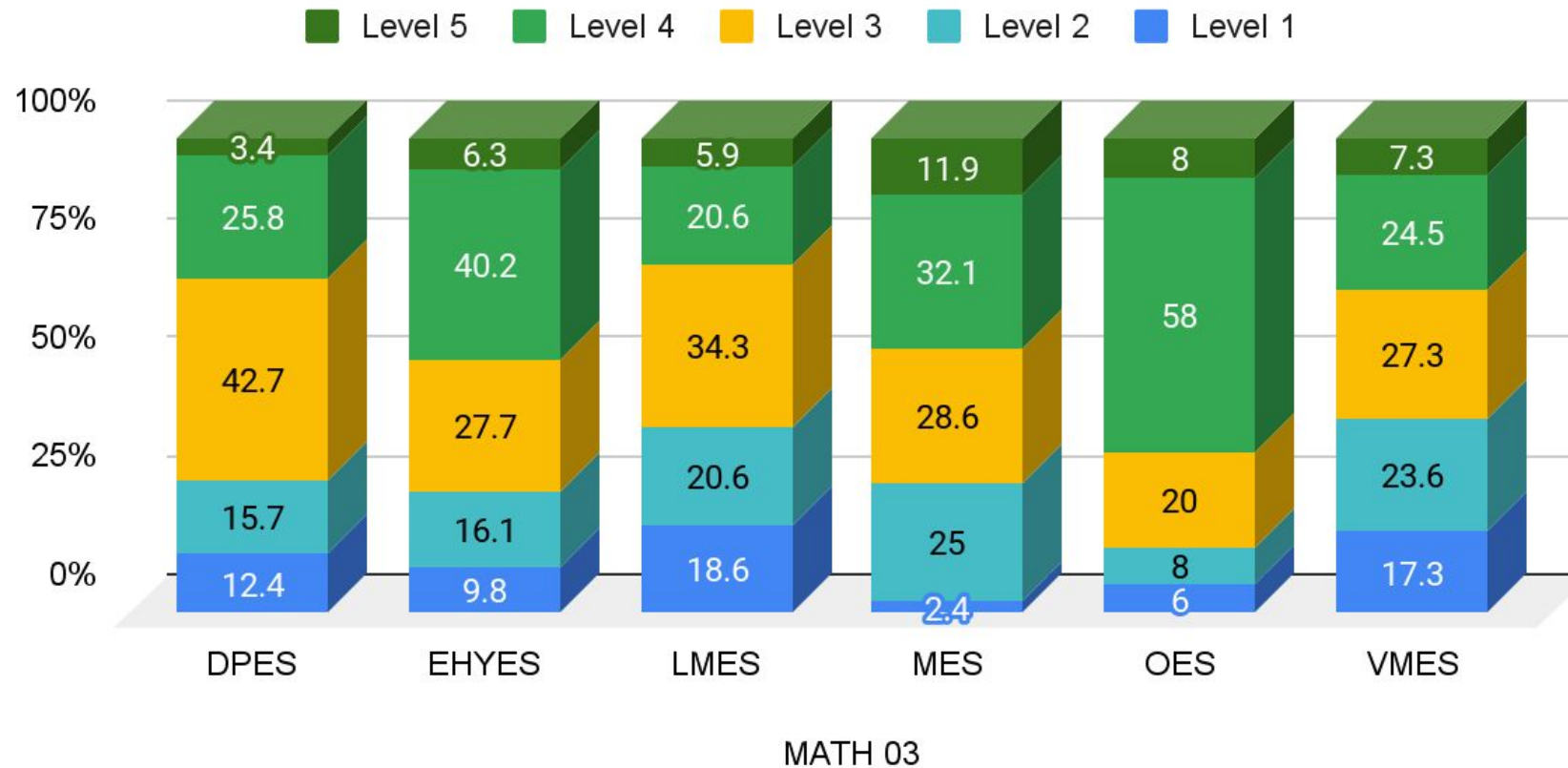
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes Mathematics Grade 3 - Percentages



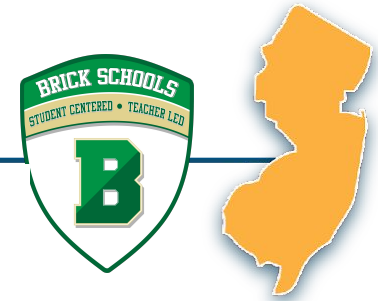
## Mathematics Grade 3 - Percentages



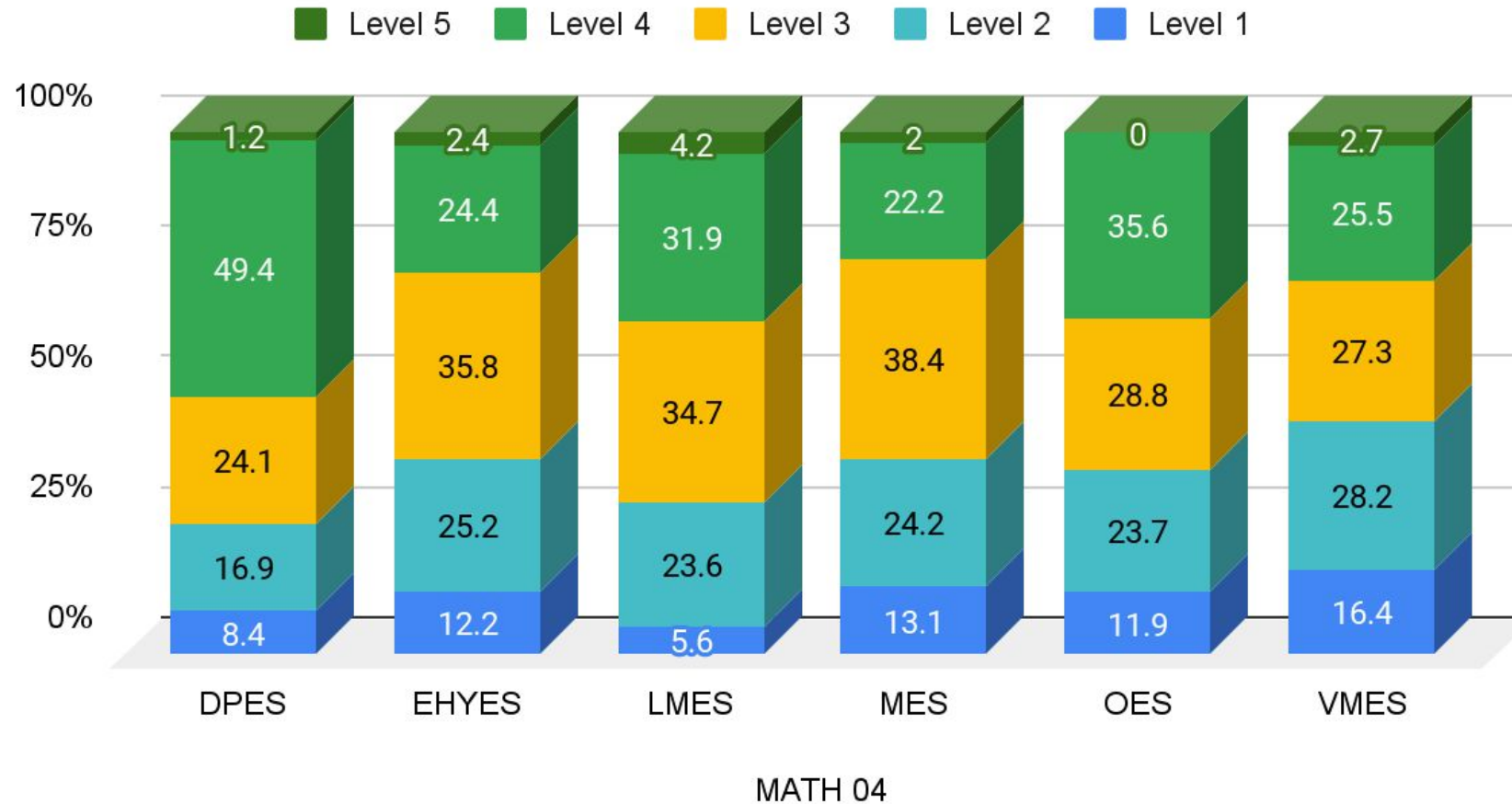
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes Mathematics Grade 4 - Percentages



## Mathematics Grade 4 - Percentages

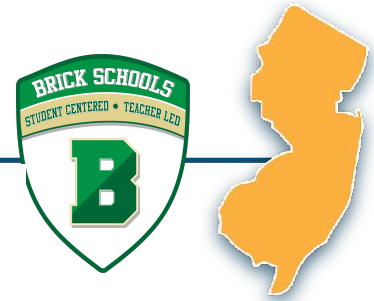


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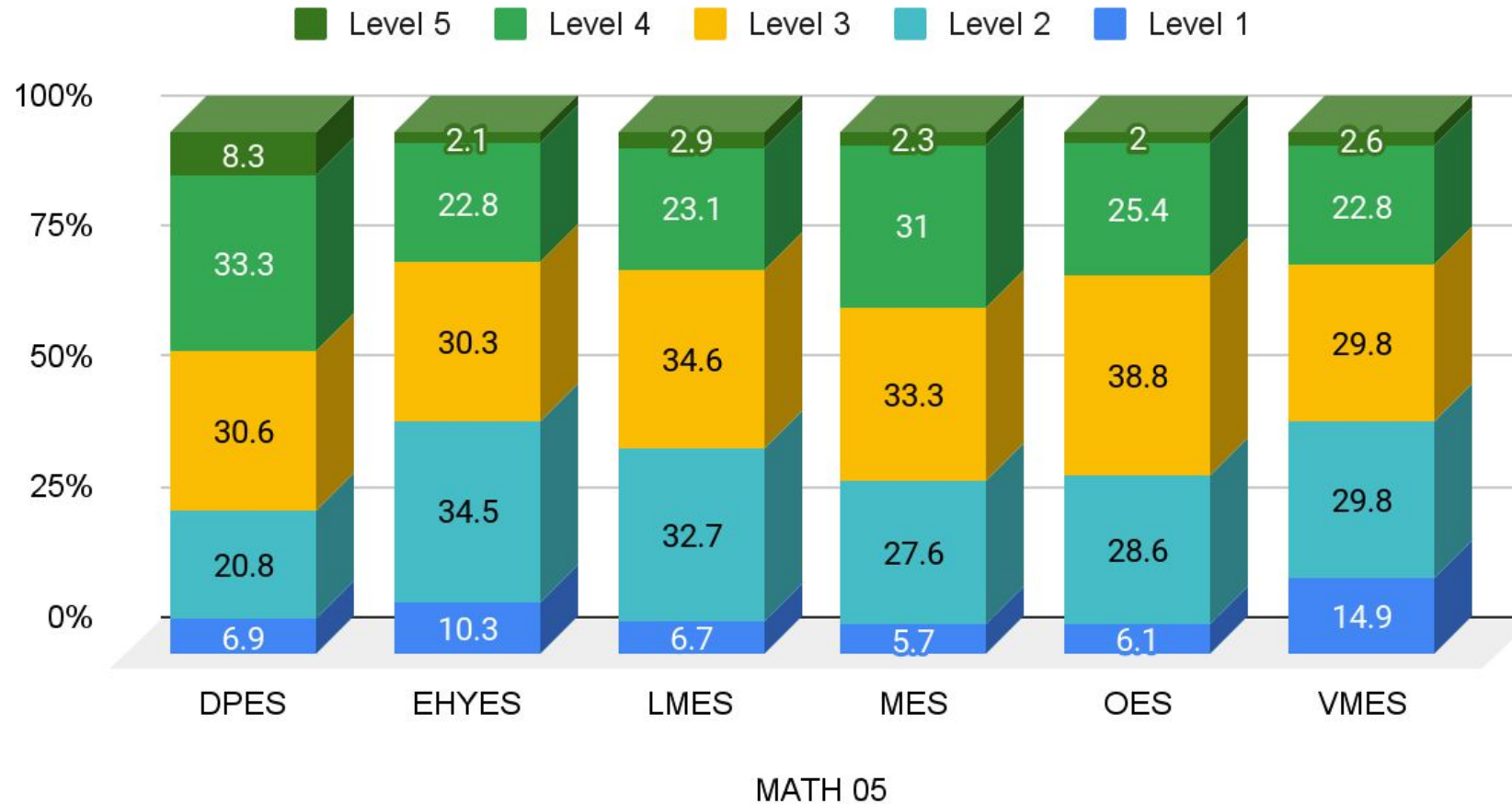




# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes Mathematics Grade 5 - Percentages



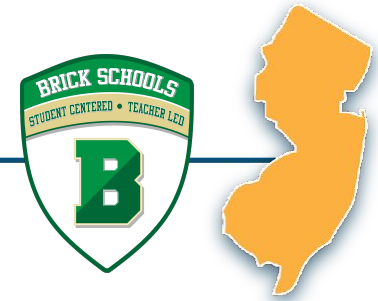
## Mathematics Grade 5 - Percentages



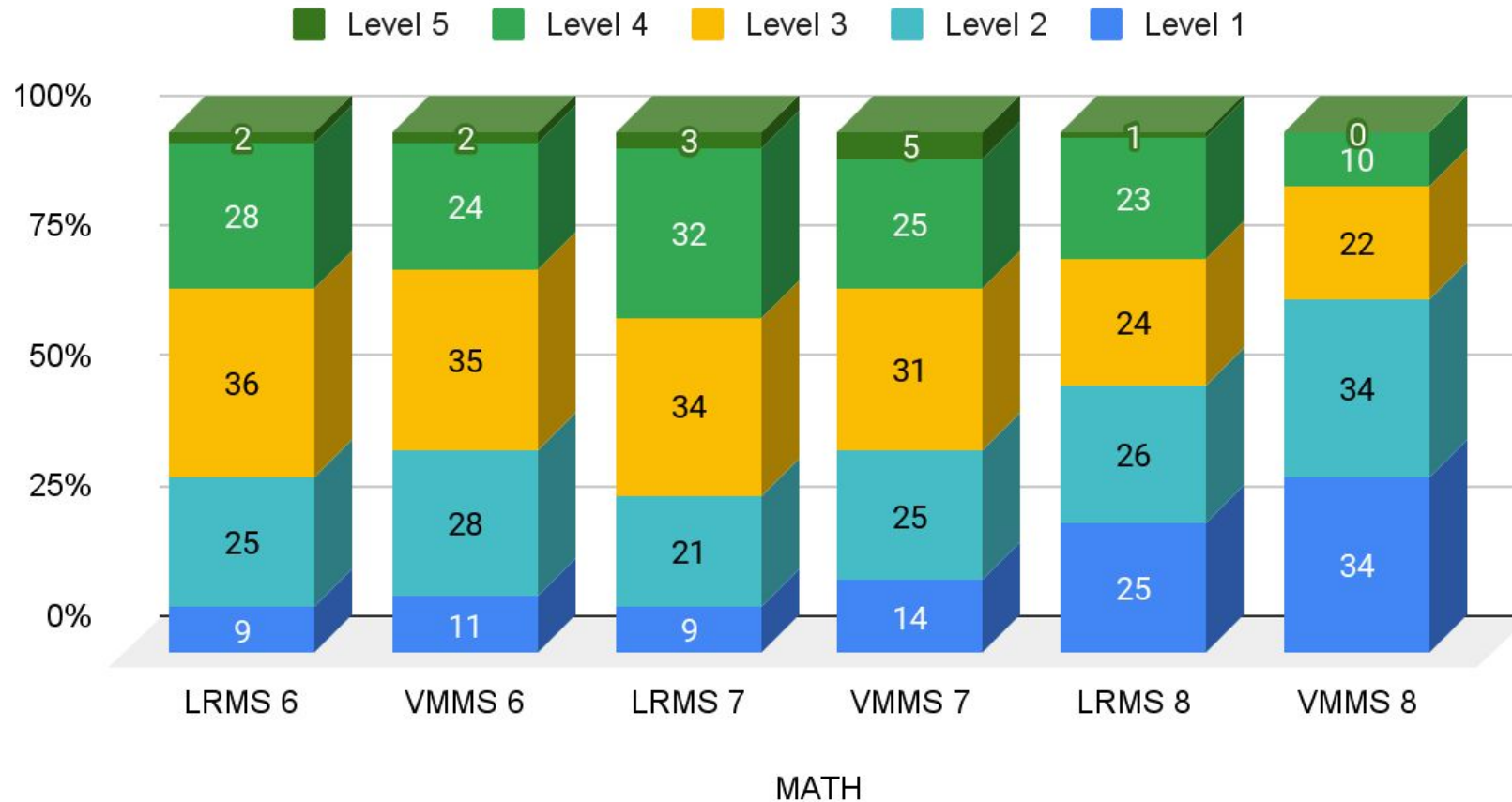
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes Mathematics Grades 6-8 - Percentages



## Mathematics Grade 6, 7 & 8 - Percentages



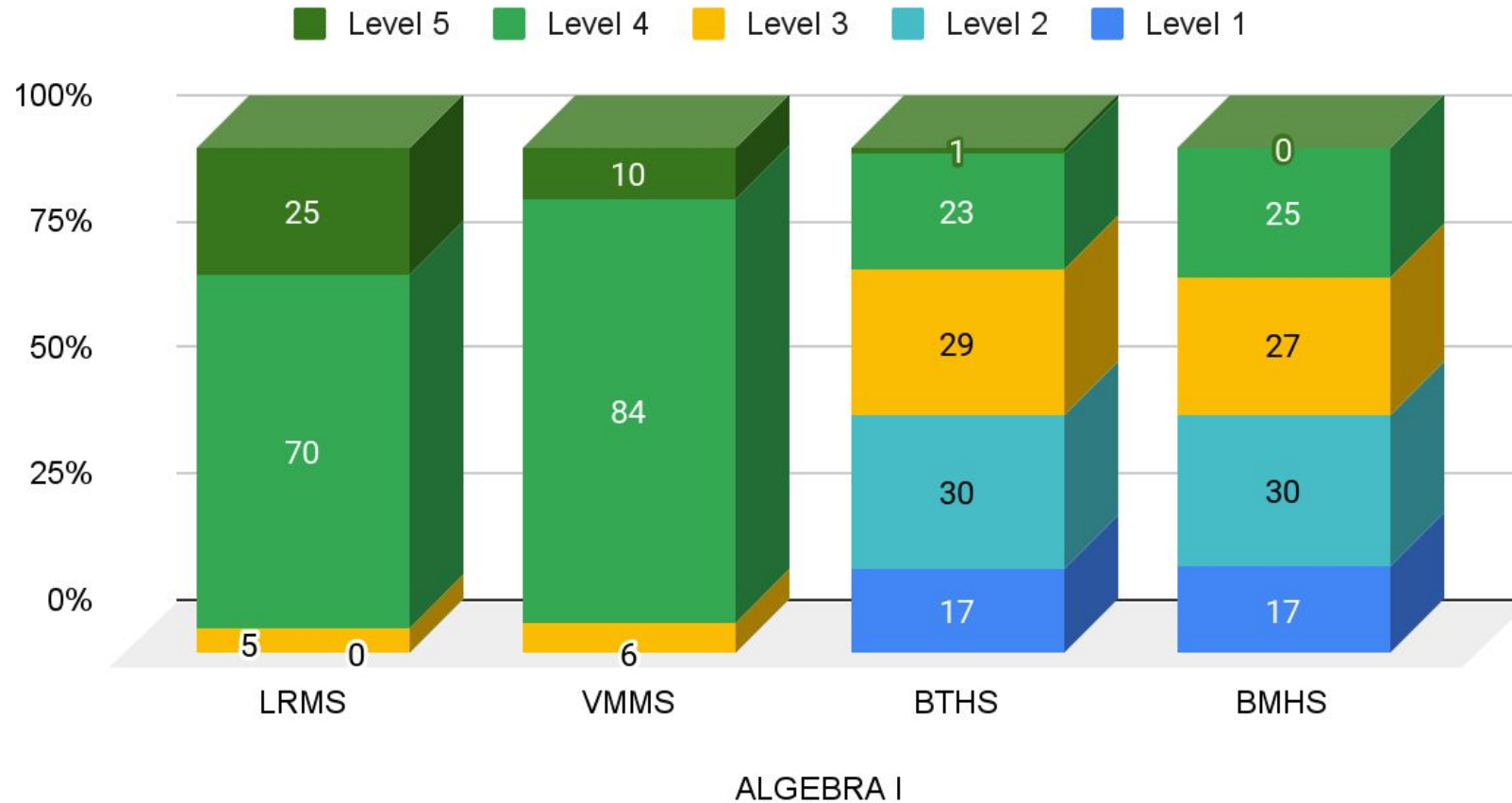
Note: Percentages may not total 100 due to rounding.



# Comparison of Brick Schools' Spring 2023 NJSLA Administrations Mathematics ALG I- Percentages



## Mathematics ALGEBRA I - Percentages



Note: Percentages may not total 100 due to rounding.

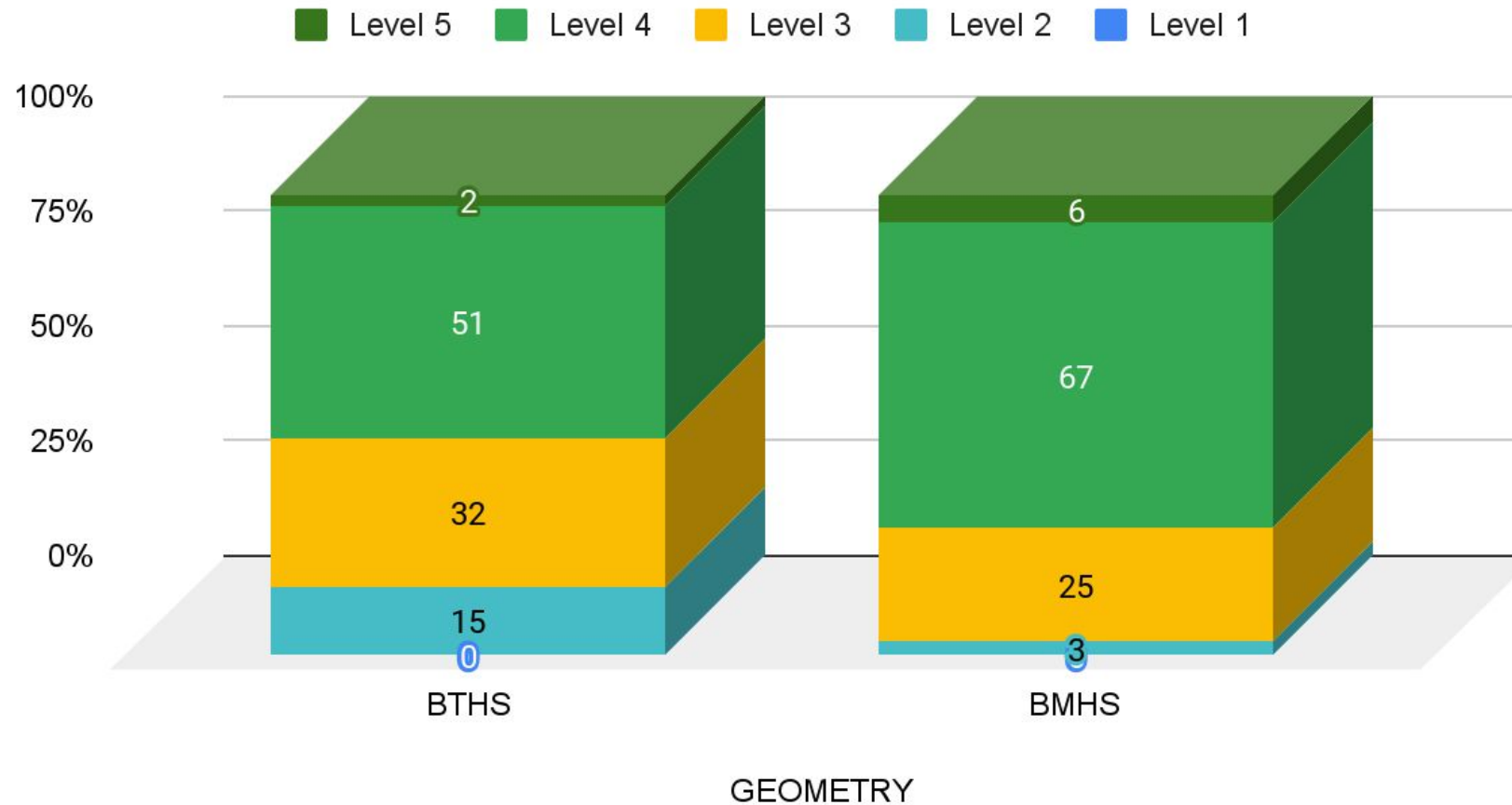




# Comparison of Brick Schools' Spring 2022 NJSLA Administrations Mathematics GEO- Percentages



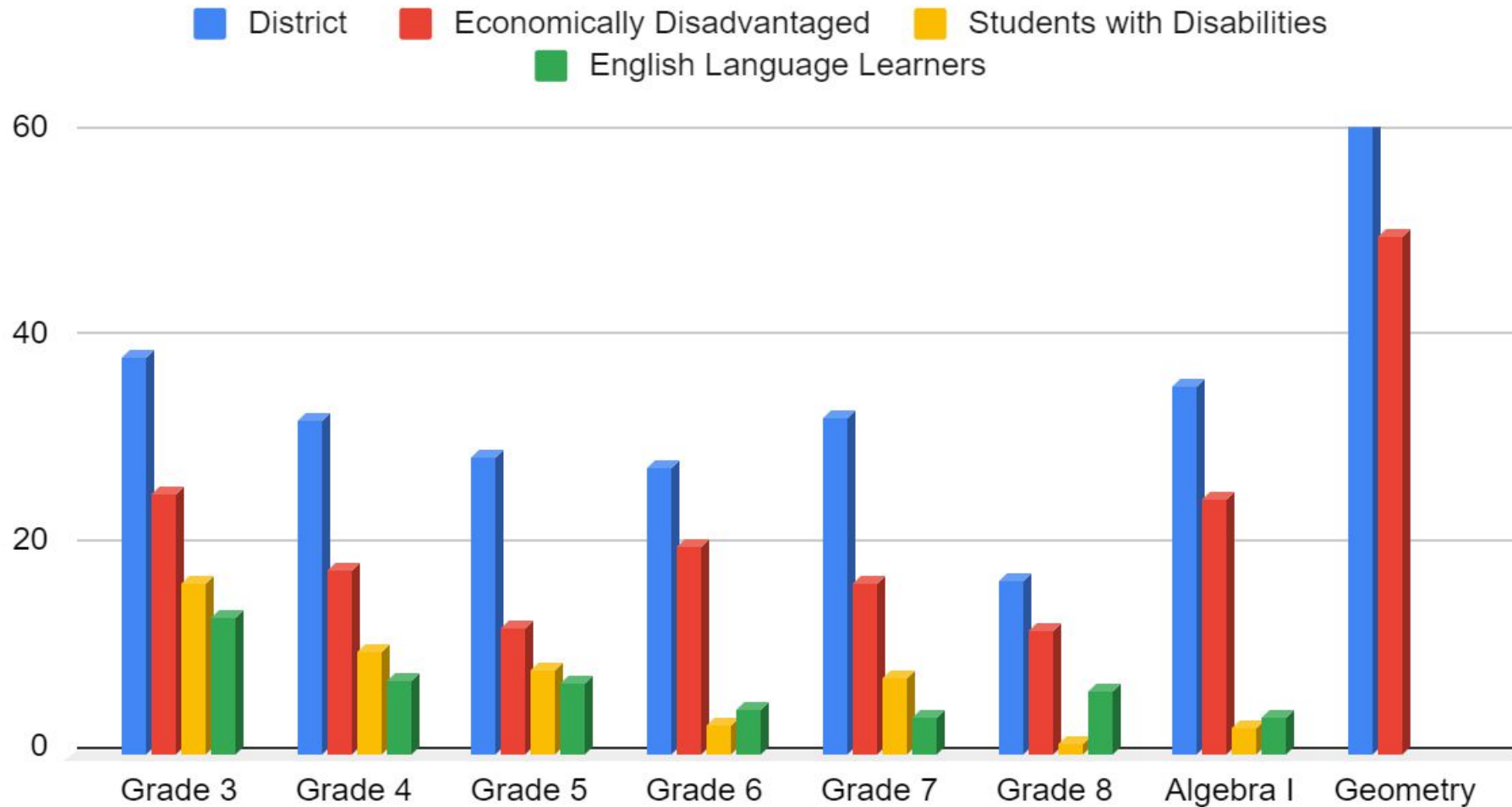
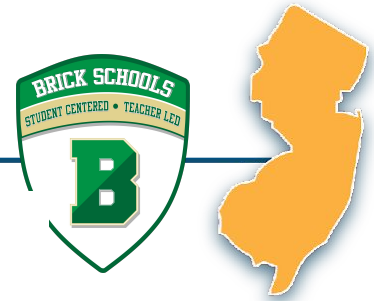
## Mathematics GEOMETRY - Percentages



Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA Sub Groups Mathematics - Percentage of students at Level 4 & 5 (*Meeting and Exceeding*)



Note: Percentages may not total 100 due to rounding.



# Intervention Strategies - *Math*



- Implement Try-Discuss-Connect Routine
- Personalized Learning- i-Ready My Path, IXL, Get More Math
- Math Lesson Framework- small group instruction
- Student Goal Setting/Data Chats
- Schoolwide Contests
- Math Interventionists provide support during or after school
- NJSLA aligned Resources that Target Subclaims

## Professional Development Focus/Teacher Support

- Administrative Support- Lesson Plan Review, Pacing Guides
- Job-embedded Professional Development - Academic Coaching Support, Model Lessons
- Professional Learning Communities (PLCs)
- PD- Data Analysis, Mathematical Thinking & Reasoning, Questioning to Promote Rich Mathematical Discussion





## Intervention/Initiatives - Subgroup

### *Economically Disadvantaged/LEP - ELA and Math*



#### Student Interventions:

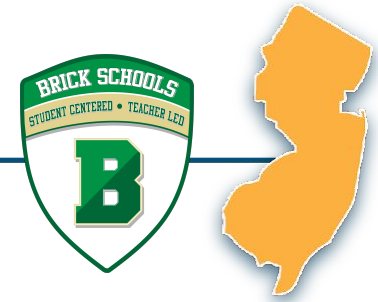
- Intervention coordinators at elementary, middle, and high school levels track student progress
- Robust Multi-Tiered System of Support
- Computer Adaptive Programs
- Student Mentoring Program

#### After School/Summer Interventions:

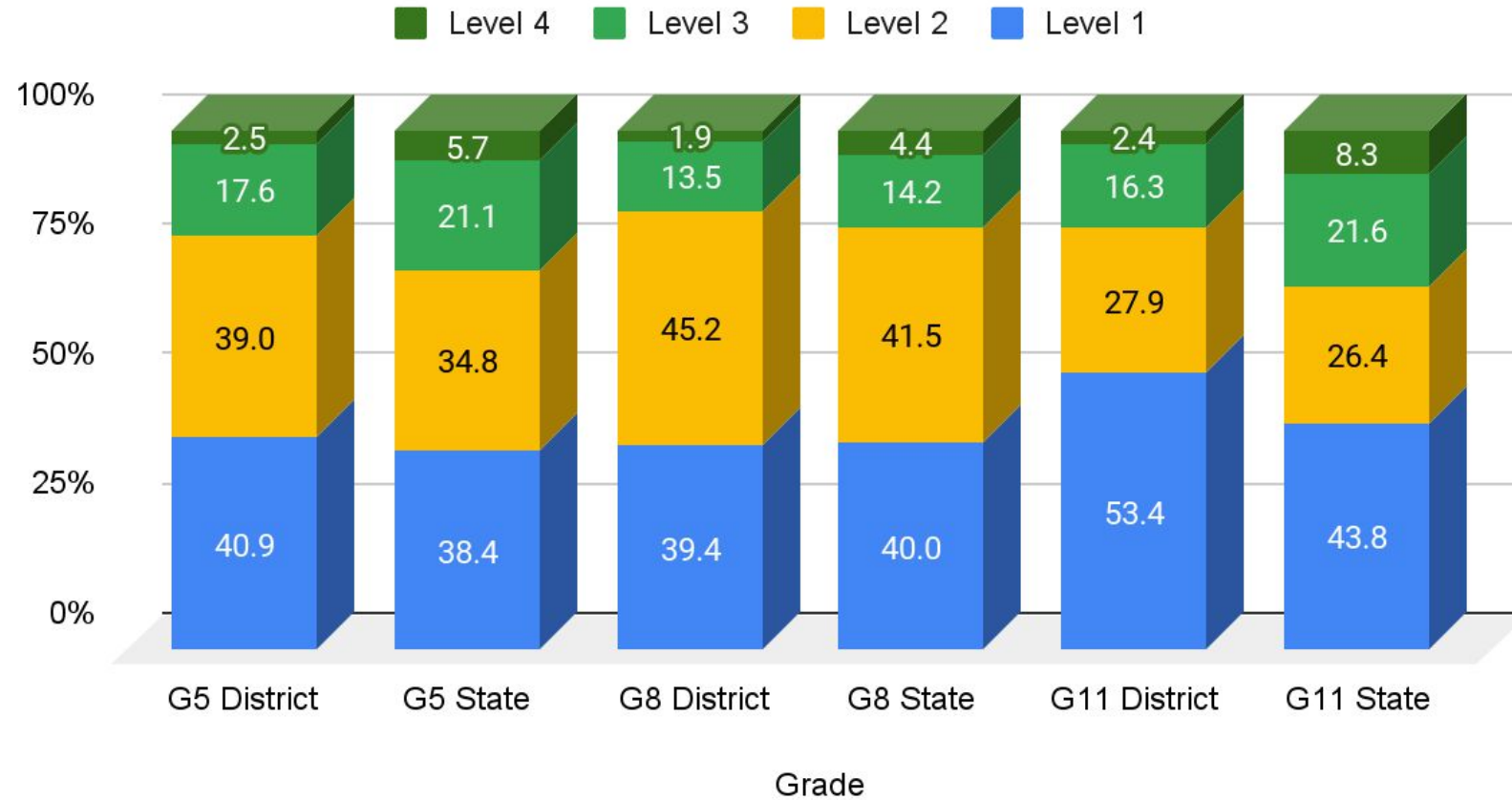
- Title I Extended Day Program
- Jump Start Program



# Comparison of Brick Schools' Spring 2023 NJSLA Administrations Science - Percentages



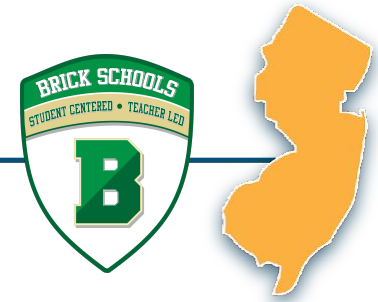
## District vs State 2023 Science - Percentages



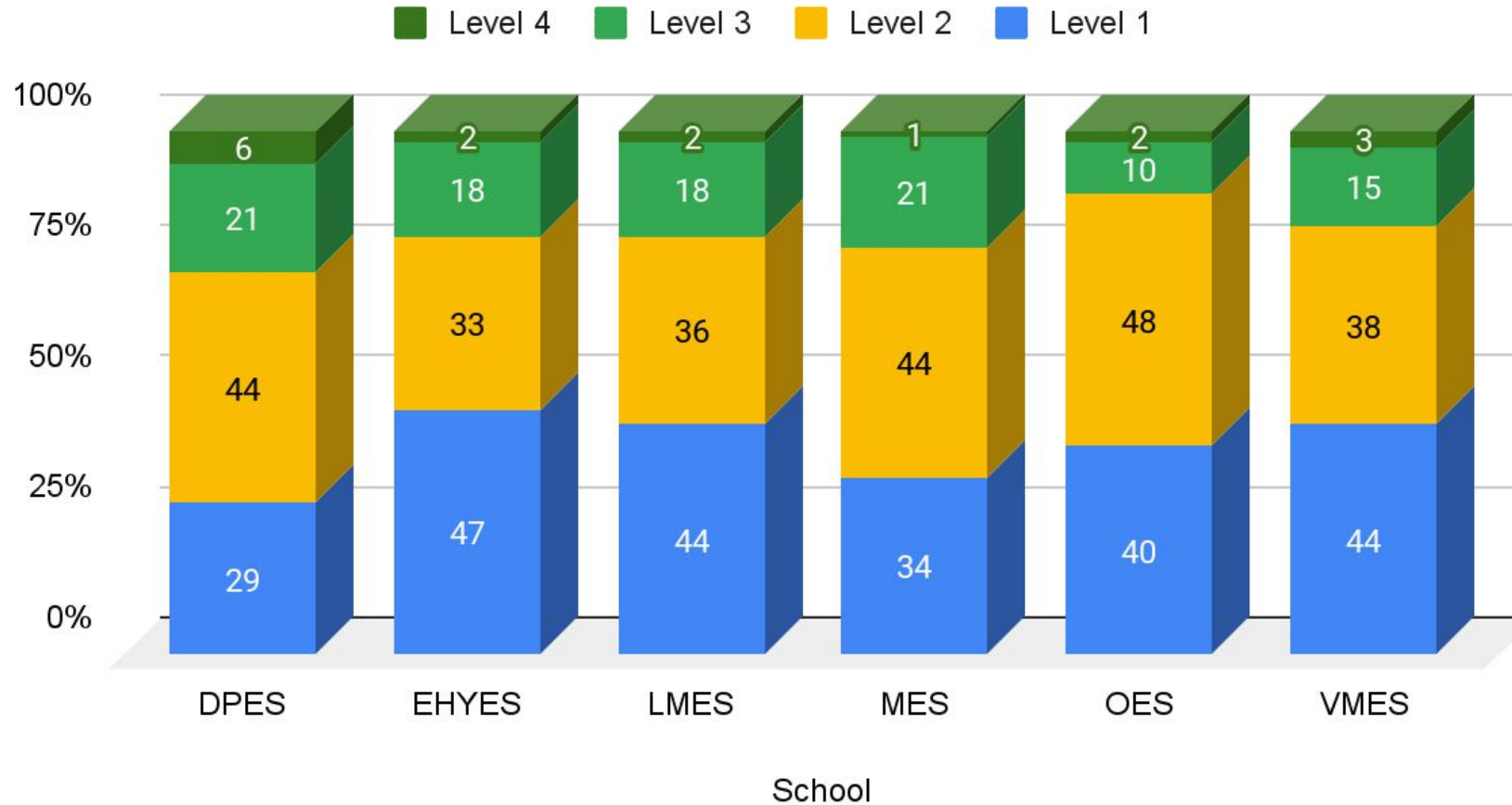
Note: Percentages may not total 100 due to rounding.



# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes Science Grade 5 - Percentages



## Grade 5 Science - Percentages

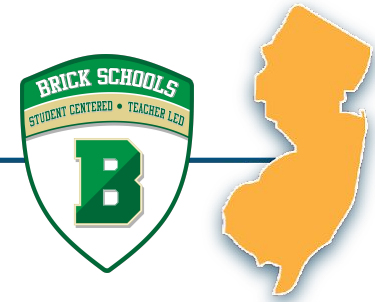


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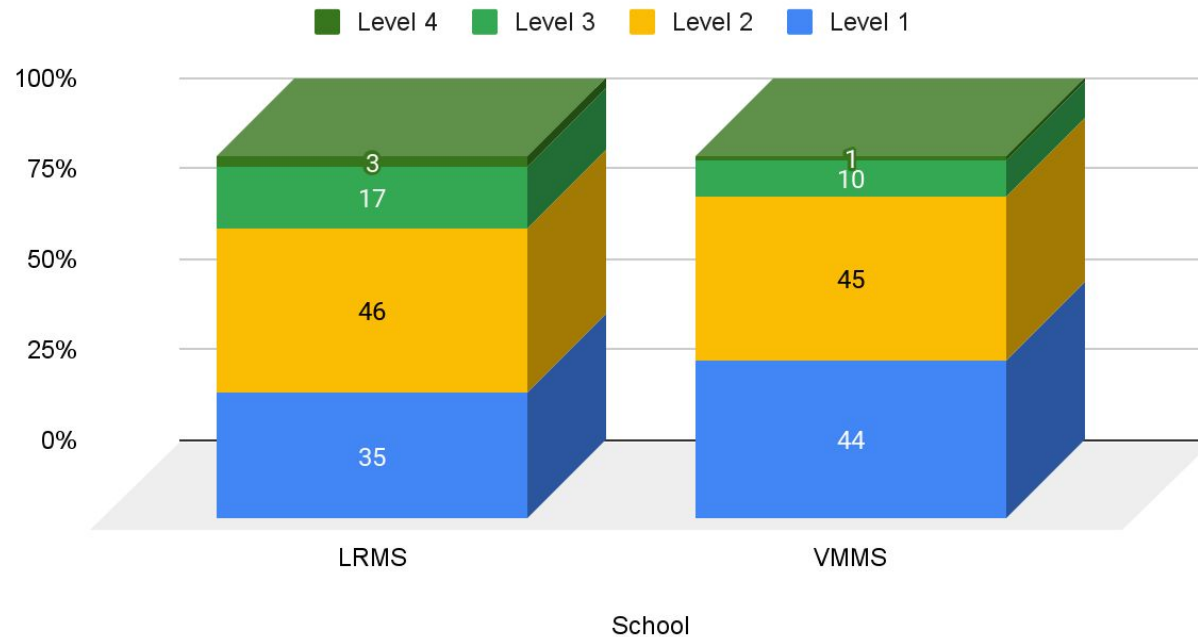




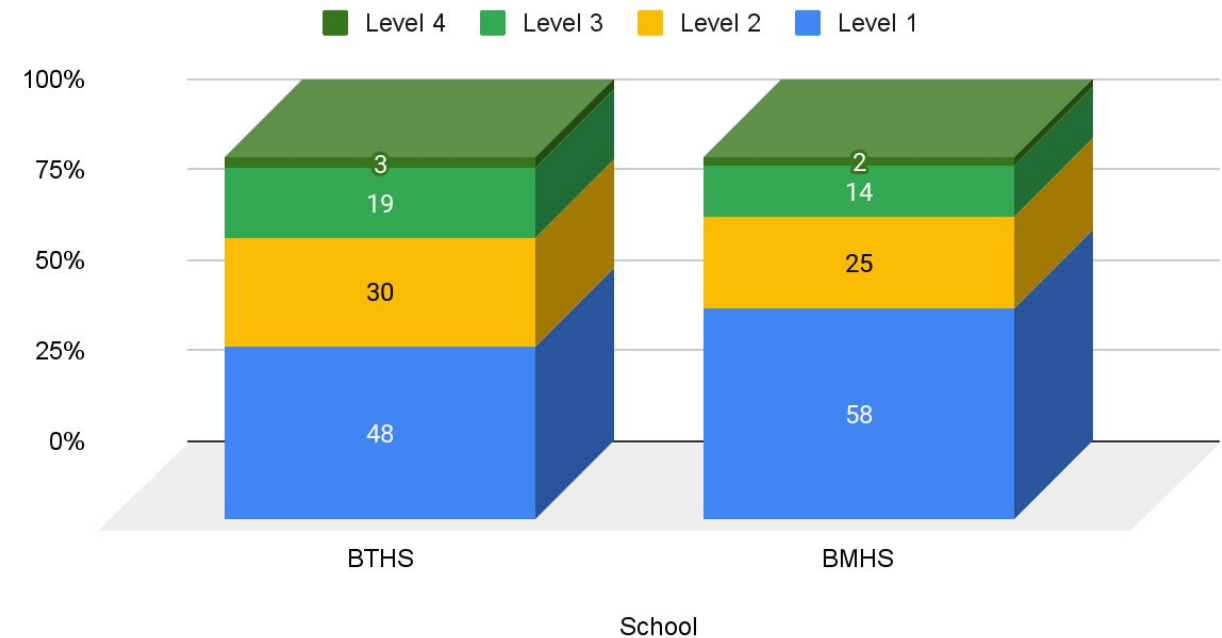
# Brick Schools' Spring 2023 NJSLA School- & Grade-Level Outcomes Science Grade 8 & 11 - Percentages



## Grade 8 Science - Percentages

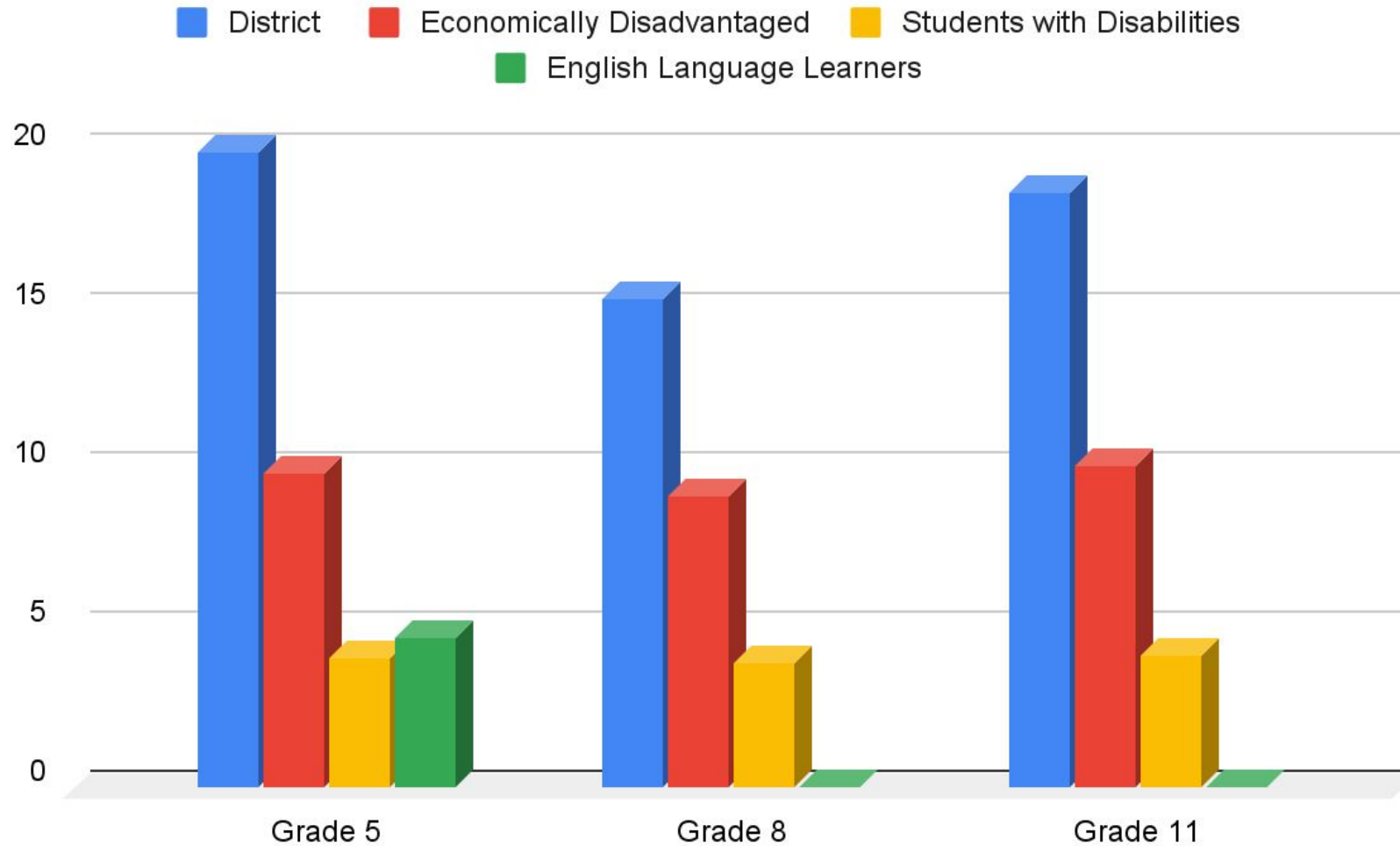


## Grade 11 Science - Percentages



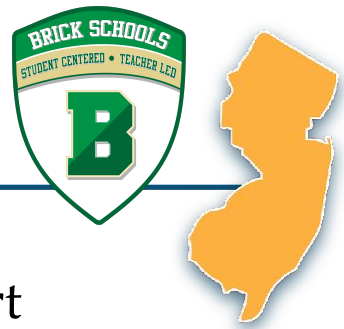
**Note:** Percentages may not total 100 due to rounding.

# Brick Schools' Spring 2023 NJSLA Sub Groups Science - Percentage of students at Level 4 & 5





# Intervention Strategies - Science



- Focus on the **5E Lesson Model** at the K-5 level to support inquiry based learning
- **OpenSciEd Curriculum** - Gr 6-8 students actively use the Science & Engineering Practices to ask, investigate, and figure out science ideas.
- **Investigation Simulations with Critique:** INQ-Its & Gizmos
- **Science and engineering practices** focus in all HS courses beginning with revised Biology I using IHub as framework.
- **LinkIt! Benchmarks** for Grades 5 and 8, Biology, Chemistry & Physics.
- **Academic Coach Support** focused on instructional routines and resources.

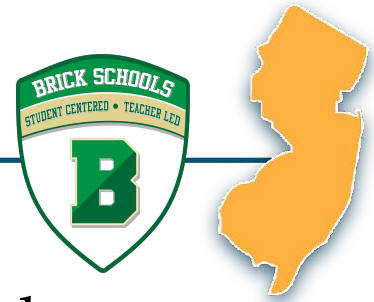


InQ-ITS™





# District Performance Goal Focus 22-23



- **Increase student growth outcomes** on the ELA NJSLA through an instructional focus on **writing and informational text domains**.
- **Increase student growth outcomes** on the MATH NJSLA through an instructional focus in the areas of **major content and modeling**.
- **Increase student growth outcomes** on the Science NJSLA through an instructional focus related to the practices of **investigating, sensemaking and critiquing**.

Each school has specific goals related to their data.

Monthly meetings are conducted to monitor these goals and conduct walkthroughs.



# ELA Growth Comparison 22-23



**Performance Goal:** Increase student growth outcomes on the ELA NJSLA through an instructional focus on writing and informational text domains.

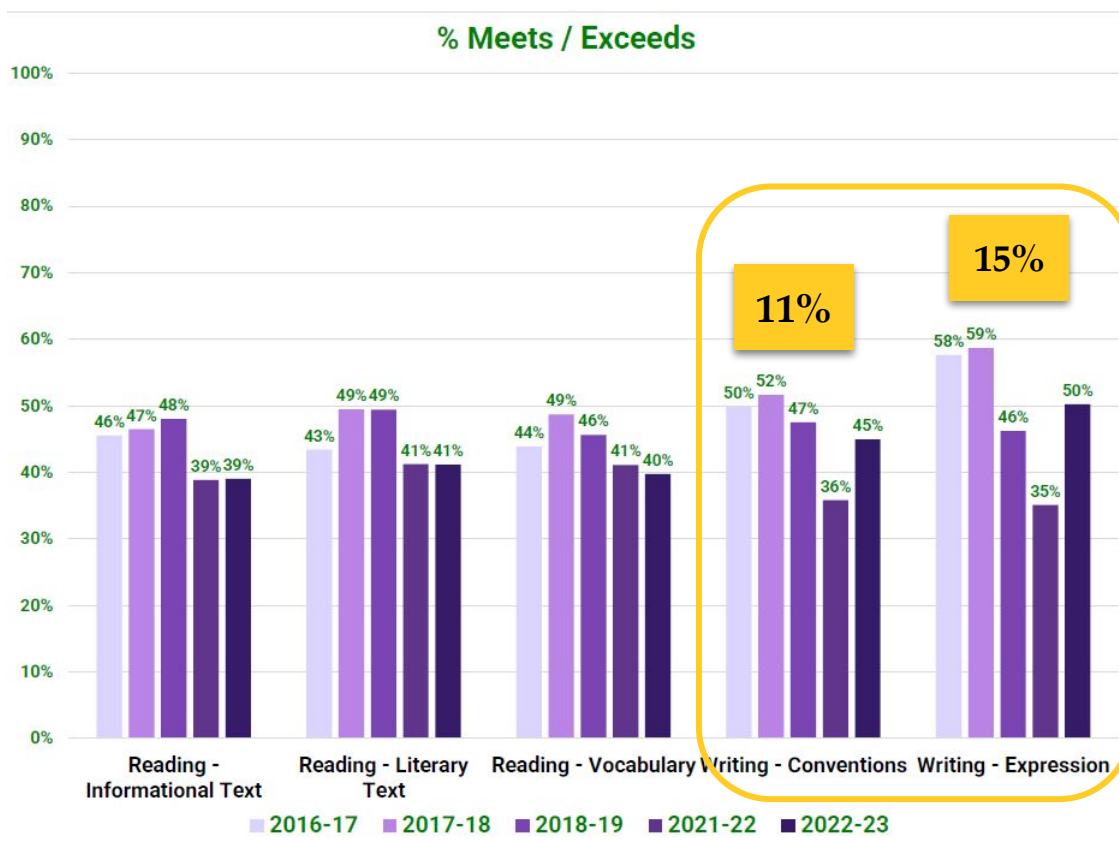
ELA					
	21-22 Met & Exc	22-23 Met & Exc	Cohort Growth	Year-to-Year Growth	State Growth
Grade 3	31%	32%	n/a	1%	-1%
Grade 4	40.14%	40.33%	9%	0.19%	2%
Grade 5	42%	48%	8%	6%	3%
Grade 6	40%	46%	4%	6%	1%
Grade 7	51%	59%	19%	8%	3%
Grade 8	47%	54%	3%	7%	4%
Grade 9	45%	54%	7%	9%	3%
		AVG.	8.3%	5.2%	2.1%



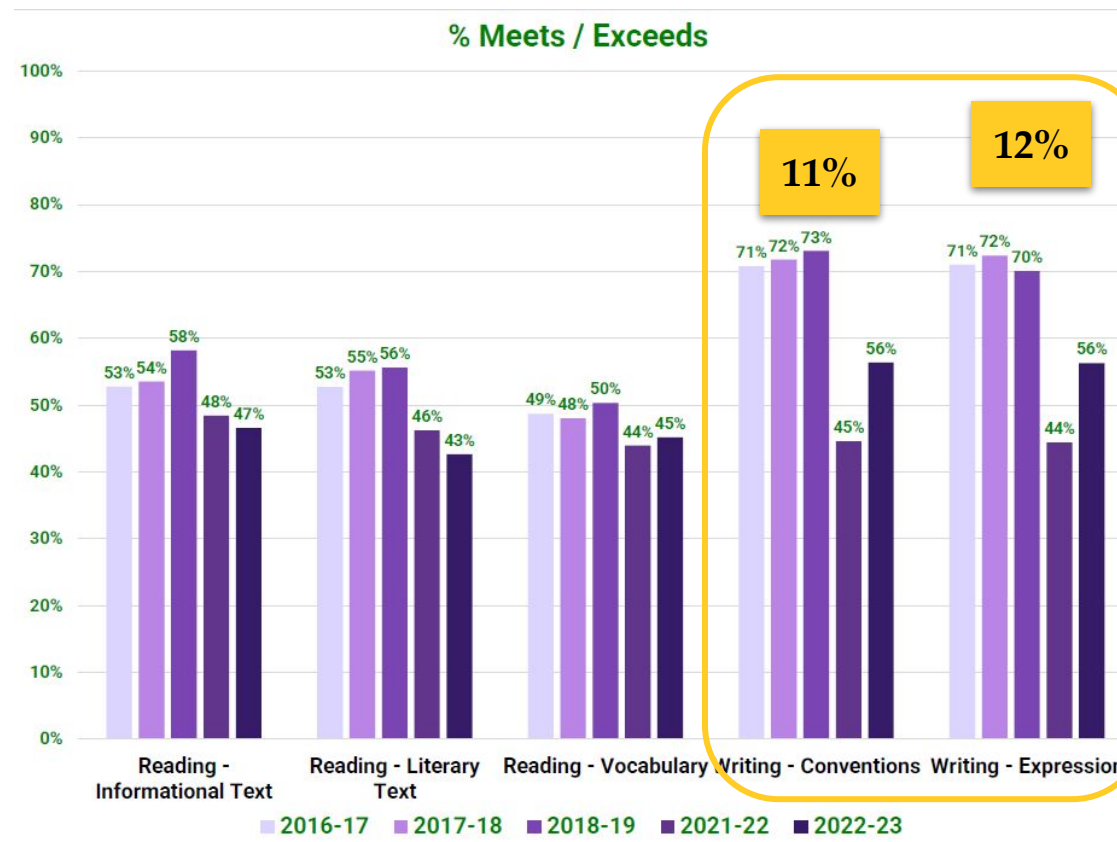
# ELA Subscore Achievement

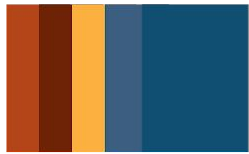


## Elementary School (Same grade, different students)



## Middle School (Same grade, different students)



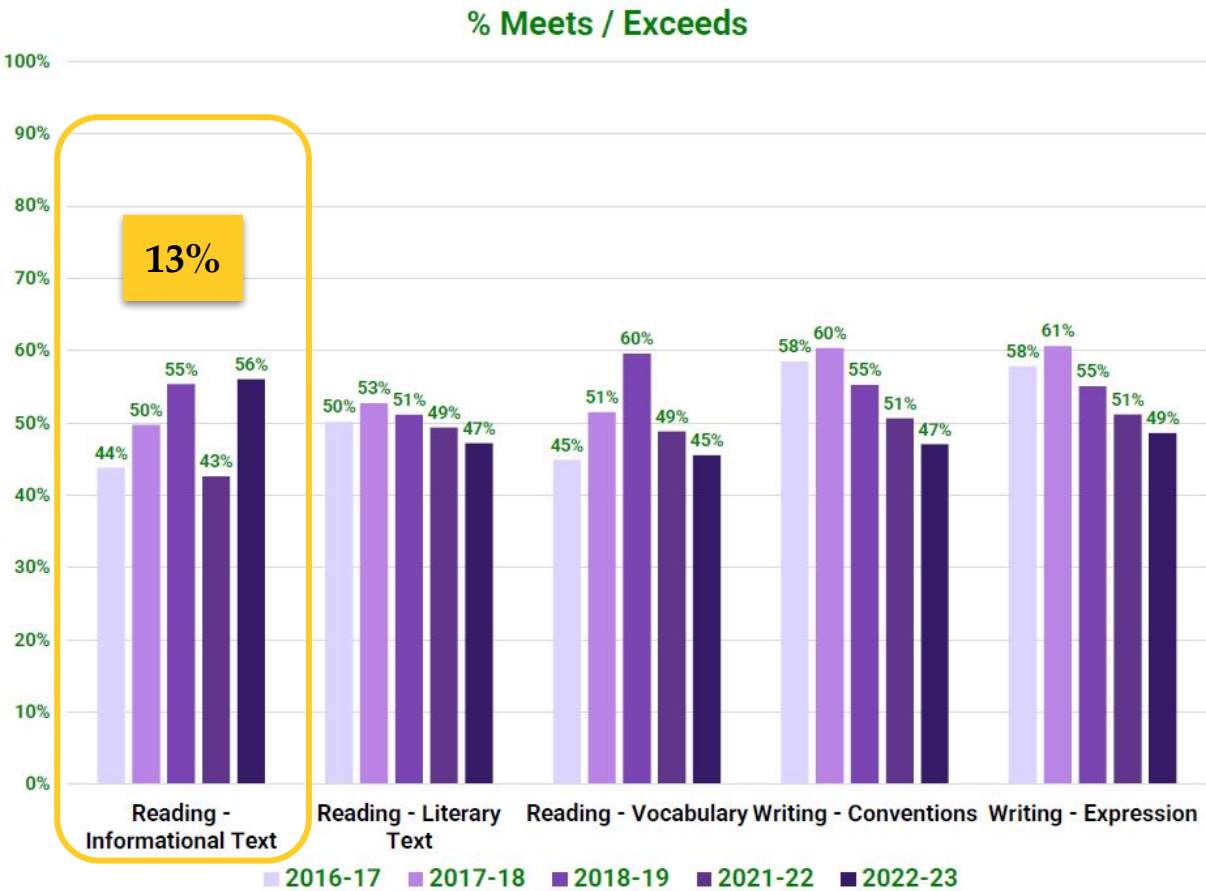


# ELA Subscore Achievement



**Performance Goal:** Increase student growth outcomes on the ELA NJSLA through an instructional focus on writing and informational text domains

High School (*Same grade, different students*)





# Math Growth Comparison 22-23



**Performance Goal:** Increase student growth outcomes on the MATH NJSLA through an instructional focus in the areas of major content and modeling.

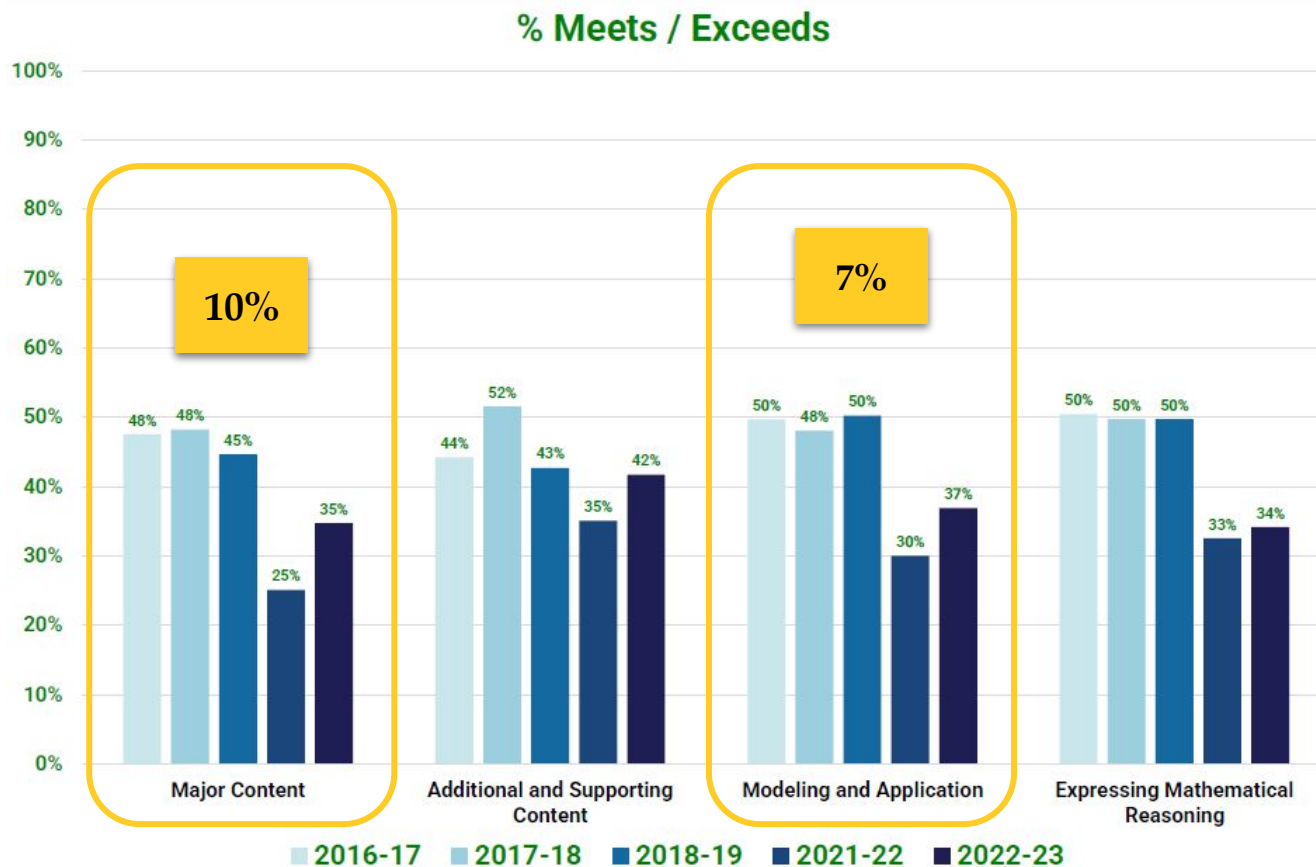
Mathematics				
	21-22 Met & Exc	22-23 Met & Exc	Year-to-Year Growth	State Growth
Grade 3	35%	38%	3%	1%
Grade 4	30%	32%	2%	4%
Grade 5	23%	29%	6%	4%
Grade 6	23%	28%	5%	3%
Grade 7	36%	33%	-3%	0%
All Grade 8	31%	31%	0.10%	3%
HS Algebra 1	20%	25%	5%	0%
Dist Algebra 1	35%	36%	1%	0%
Geometry	55%	61%	6%	7%



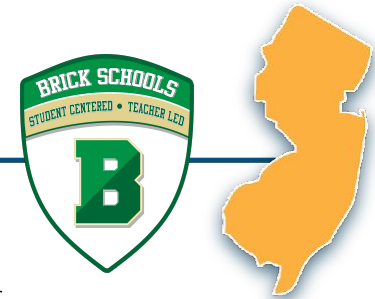
# Math Subscore Achievement



Elementary School (*Same grade, different students*)



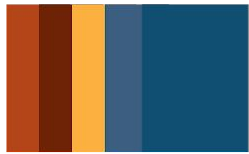
# Science Growth Comparison 22-23



**Performance Goal:** Increase student growth outcomes on the Science NJSLA through an instructional focus related to the practices of investigating, sensemaking and critiquing.

	2021-2022 SCIENCE				2022-2023 SCIENCE		Growth
	Met & Exc	%	State		Met & Exc	%	
							<b>State: +1.3%</b>
Grade 5 (573)	97	17.0%	25.5%	Grade 5 (582)	114	20.0%	3.0%
							<b>State: +2.9%</b>
Grade 8 (678)	76	11.4%	15.6%	Grade 8 (590)	88	15.4%	4.0%
							<b>State: +0.8%</b>
Grade 11 (686)	99	14.7%	29.0%	Grade 11 (628)	115	18.7%	4.0%



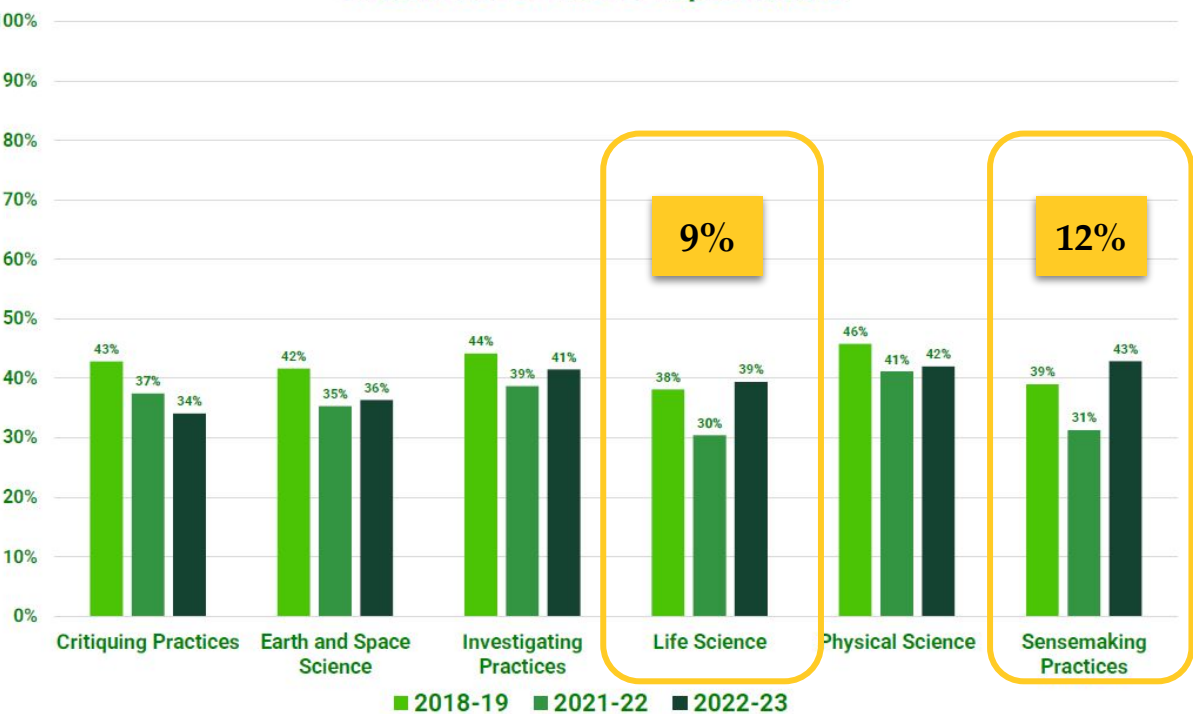


# Science Subscore Achievement



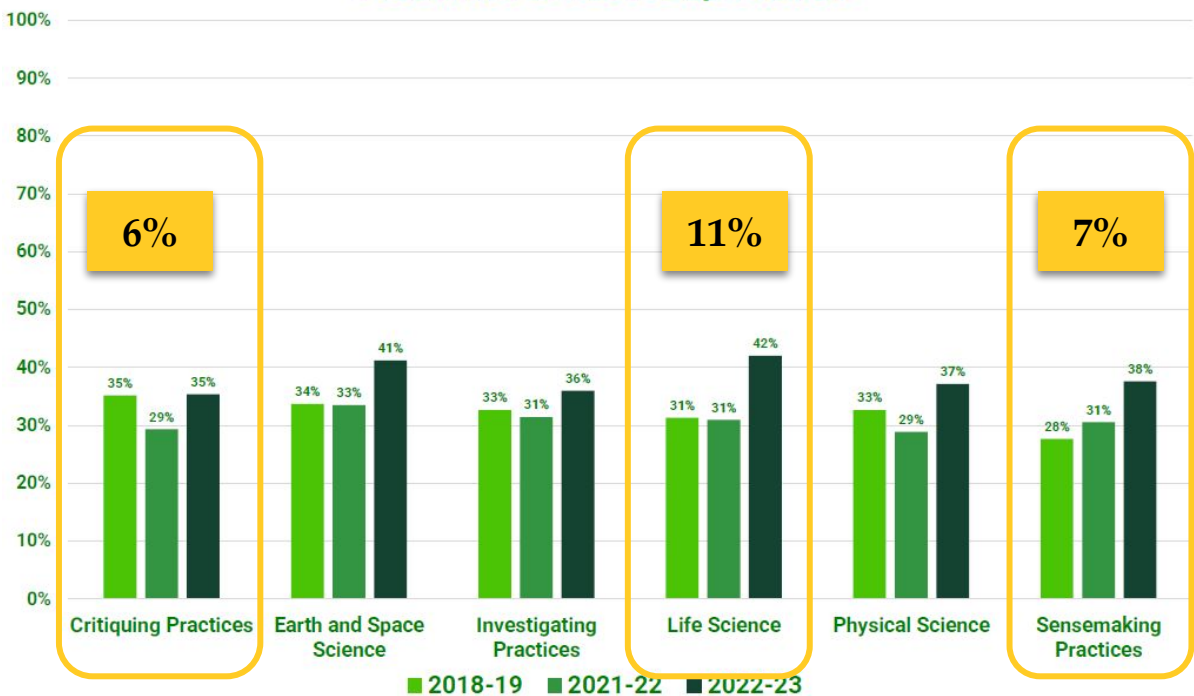
Grade 5 (Same grade, different students)

% Near/Met or Above Expectations

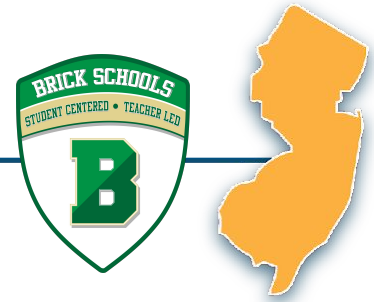


Grade 11 (Same grade, different students)

% Near/Met or Above Expectations



# District Performance Goal Focus 23-24



- Increase student growth outcomes by 5% on the MATH NJSLA through an instructional focus in the areas of major content and reasoning.
- Increase student growth outcomes by 5% on the ELA NJSLA through an instructional focus on **reading literary** and **informational text** domains K-12.
- Increase student growth outcomes by 5% on the Science NJSLA through an instructional focus related to the practices of **investigating** and **critiquing**.
- Each school has an **action plan** related to their NJSLA data. More resources will be devoted to grade levels and schools in need of additional support.
- Continue to **meet monthly** to **assess progress** toward these goals and conduct **walkthroughs**.

High Impact Tutoring Grant





# C&I Department Goals 23-24



## STUDENT-CENTERED, TEACHER LED

### CURRICULUM

To engage students with **high interest, standards based lessons** that **promote critical thinking** and are **relevant** to the world around them.

### INSTRUCTION

To cultivate student-centered conditions for learning in order to meet the **academic, social, and emotional needs** of each student through a **system of support and enrichment**.

### ASSESSMENT

To accelerate student growth by empowering students to take an active role in their learning **setting goals and tracking their progress**.

***Committed to improving student achievement and to accelerating student growth in an engaging, safe, and nurturing environment.***

