

# NJSLA TEST RESULTS:

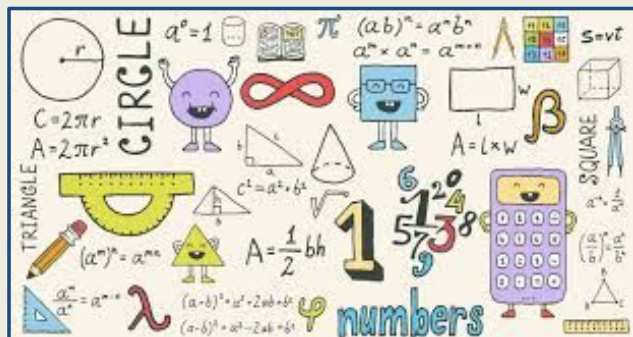
MOUNTAINSIDE SCHOOL DISTRICT  
TUESDAY, NOVEMBER 15, 2022

New Jersey  
Student Learning  
Assessments:  
Measuring  
College and  
Career Readiness

## OVERVIEW MATH 2022 RESULTS

### NJSLA MATH: New Jersey Comparison

- 2022 NJSLA Mathematics results for the Mountainside School District compared to New Jersey averages



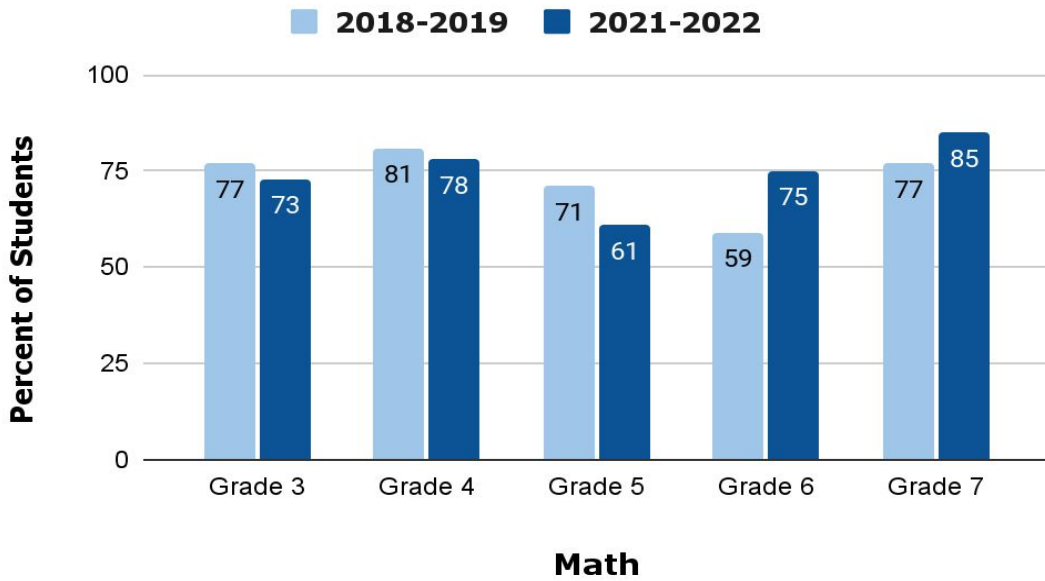
## 2022 MOUNTAINSIDE & NEW JERSEY GRADE-LEVEL OUTCOMES: MATH GRADES 3-6

	Did Not Yet Meet Expectations (Level 1) 650-699	Partially Met Expectations (Level 2) 700-724	Approached Expectations (Level 3) 725-749	Met Expectations (Level 4) 750 +	Exceeded Expectations (Level 5)	Met or Exceeded Expectations (Levels 4 & 5)
Grade 3 MSD	0%	8.5%	18.3%	51.2%	22.0%	73.2%
Grade 3 NJ	13.3%	18.3%	23.0%	32.8%	12.6%	45.4%
Grade 4 MSD	1.3%	5.0%	16.3%	56.3%	21.3%	77.5%
Grade 4 NJ	13.1%	22.6%	24.8%	33.2%	6.2%	39.4%
Grade 5 MSD	2.4%	10.7%	26.2%	39.3%	21.4%	60.7%
Grade 5 NJ	15.1%	23.0%	25.9%	28.9%	7.1%	36.1%
Grade 6 MSD	1.3%	2.6%	20.8%	59.7%	15.6%	75.3%
Grade 6 NJ	15.3%	24.9%	28.5%	26.0%	5.3%	31.3%

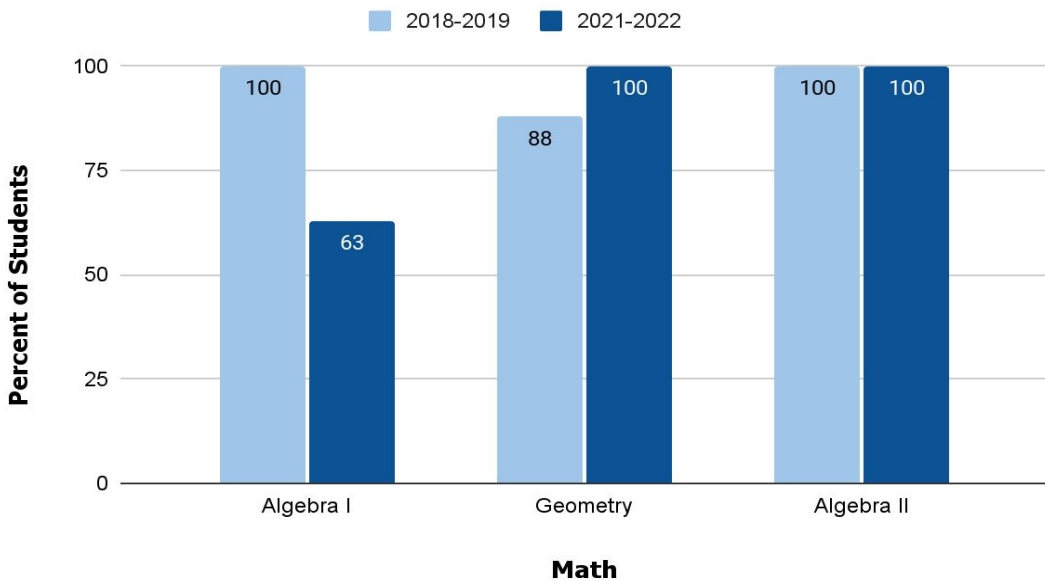
## 2022 MOUNTAINSIDE & NEW JERSEY GRADE-LEVEL OUTCOMES: MATH GRADES 7-8

	Did Not Yet Meet Expectations (Level 1) 650-699	Partially Met Expectations (Level 2) 700-724	Approached Expectations (Level 3) 725-749	Met Expectations (Level 4) 750 +	Exceeded Expectations (Level 5)	Met or Exceeded Expectations (Levels 4 & 5)
Grade 7 MSD	0%	1.9%	13.0%	68.5%	16.7%	85.2%
Grade 7 NJ	10.9%	23.6%	31.5%	28.9%	5.1%	34.1%
Algebra I MSD (7 & 8)	1.1%	7.8%	27.8%	54.4%	8.9%	63.3%
Algebra I NJ	17.8%	22.7%	24.7%	31.9%	2.9%	34.8%
Geometry MSD	0%	0%	0%	88.9%	11.1%	100%
Geometry NJ	6.9%	18.9%	30.1%	37.8%	6.2%	44.0%
Algebra II MSD	0%	0%	0%	33.3%	66.7%	100%
Algebra II NJ	14.3%	14.3%	18.1%	45.4%	7.8%	53.3%

## MATH -- 2 Year Comparison of Program Growth-- Same Grade/Different Students Who Met or Exceeded Expectations

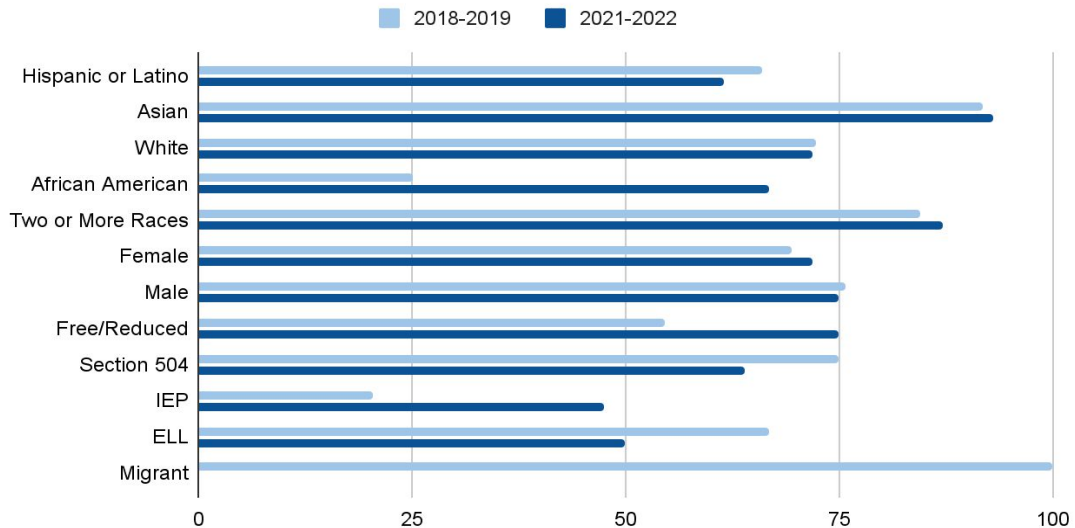


## MATH -- 2 Year Comparison of Program Growth-- **Mountainside:** Same Grade/Different Students Who Met or Exceeded Expectations



## Subgroups Meeting Expectations (Level 4 & 5) at all grade levels

### Mathematics Percentages



## MATH SCORE ANALYSIS WHAT DOES THE DATA TELL US?

- Our student scores were significantly higher than the state average at every grade level and specialized course.
- While some loss was noted when compared to 2019, this was not significant given the impact of COVID-19 on our instructional practice, and was much lower than loss demonstrated across the state of New Jersey.
  - Staff will look at the evidence statement tables for specific areas of loss and target these standards throughout the year.
- 2021-2022 -- Overall 2.1% decrease in students who met or exceeded District-wide when compared to 2019
  - State decrease was 9.8%
  - The impact of COVID and shift to Algebra for all must be considered when looking at this comparison.

# MATH FOCUS

2022-2023

- Grades K-5:

- Implementation of newly adopted "Big Ideas" program
  - Increased support by math specialist
- Team meetings to further analyze NJSL standards
  - Integration of math stations and iReady Can Do's and Next Steps to provide support at all levels including remedial and enrichment
- Introduction of ARP funded FM Club Junior at grades 3-5
- Data meetings conducted with general and special education math teachers
- Explore and utilize technology programs to support growth and prepare students for online assessments

# MATH FOCUS

2022-2023

- Grades 6-8:

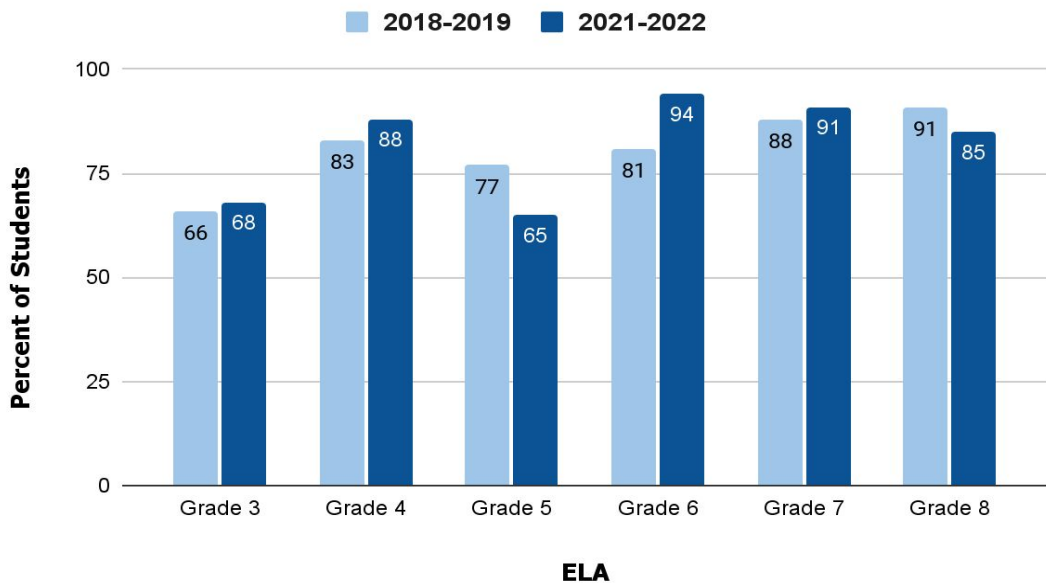
- Ongoing collaboration with Berkeley Heights :
  - Virtual grade level meetings 2-3 times per year
  - Pilot implementation of Thinking Classroom
  - Evaluation of evidence statement tables
- 2022-23 Math Enrichment Course continued for Grade 6
  - Targets math topics and skills identified as needing additional support based upon analysis of evidence statements
- Data meetings conducted with general and special education math teachers
  - Targeting support of Algebra I standards
- Continuation of Future Mathematics (FM) Club, to provide math support for identified students.



## 2022 MOUNTAINSIDE & NEW JERSEY GRADE-LEVEL OUTCOMES ~ ELA GRADES 6-8

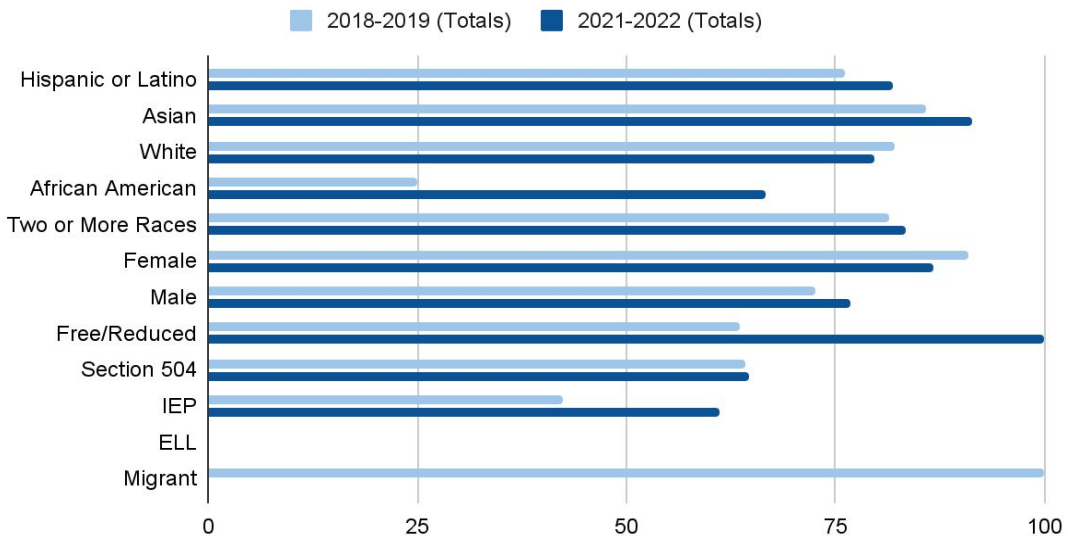
	Did Not Yet Meet Expectations (Level 1) 650-699	Partially Met Expectations (Level 2) 700-724	Approached Expectations (Level 3) 725-749	Met Expectations (Level 4) 750-789	Exceeded Expectations (Level 5) 790 & above	Met or Exceeded Expectations (Levels 4 & 5)
Grade 6 MSD	0%	0%	6.5%	54.5%	39%	93.5%
Grade 6 NJ	10.6%	15.6%	26.3%	37.4%	10.2%	47.6%
Grade 7 MSD	0%	1.5%	7.4%	36.8%	54.4%	91.2%
Grade 7 NJ	12.3%	13.5%	21.5%	31.4%	21.3%	52.7%
Grade 8 MSD	1.1%	1.1%	12.4%	48.3%	37.1%	85.4%
Grade 8 NJ	14.3%	13.2%	21.2%	35.8%	15.6%	51.4%

## ELA-- 2019 - 2022 2- Year Comparison - Same Grade/Different Students Who Met or Exceeded Expectations



## Subgroups Meeting Expectations (Level 4 & 5) at all grade levels

### English/Language Arts-Percentages



## ELA SCORE ANALYSIS WHAT DOES THE DATA TELL US?

- ELA Scores show overall growth once again this year
- Students outscored state averages at all grade levels by a minimum of 15.5%
- 2021 - 2022 -- Overall 1% decrease in students who met or exceeded District-wide when compared to 2019
  - State average decrease was 9%
  - We did not see a significant impact on our ELA scores that would be indicative of a COVID slide.



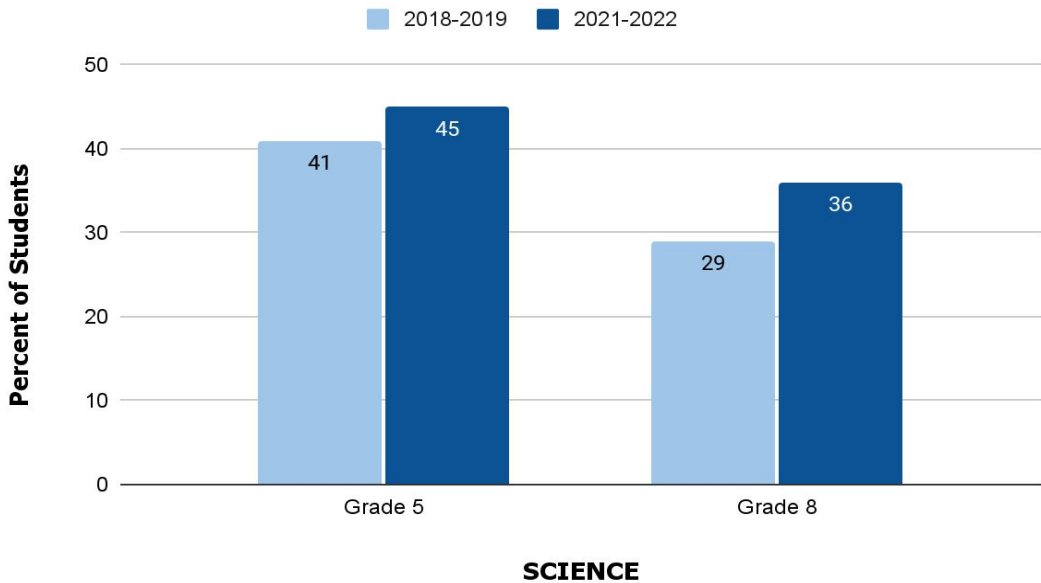
# ELA Focus

- Ongoing Focus of ELA Programming:
  - Continued Teachers College Readers and Writers Program with support by TC experienced consultants
  - Incorporation of additional programs to support balanced literacy:
    - [Heggerty Phonemic Awareness](#) grades K-2
    - Incorporation of [Word Love](#) character vocabulary program which [aligns with TC units of study](#) for grades 3-5.
    - [95% Group LLC](#) -- Tier 2 support for phonics and comprehension in grade 3
  - Use of ARP, Title I, and budget funding to support AIM programming and supplemental Reading programs
  - Differentiated support for both struggling and advanced students
  - Collaboration with BH to examine collaborative Word Study approaches for phonics and vocabulary at grades K-5

## 2022 MOUNTAINSIDE & NEW JERSEY GRADE-LEVEL OUTCOMES - SCIENCE GRADES 5 and 8

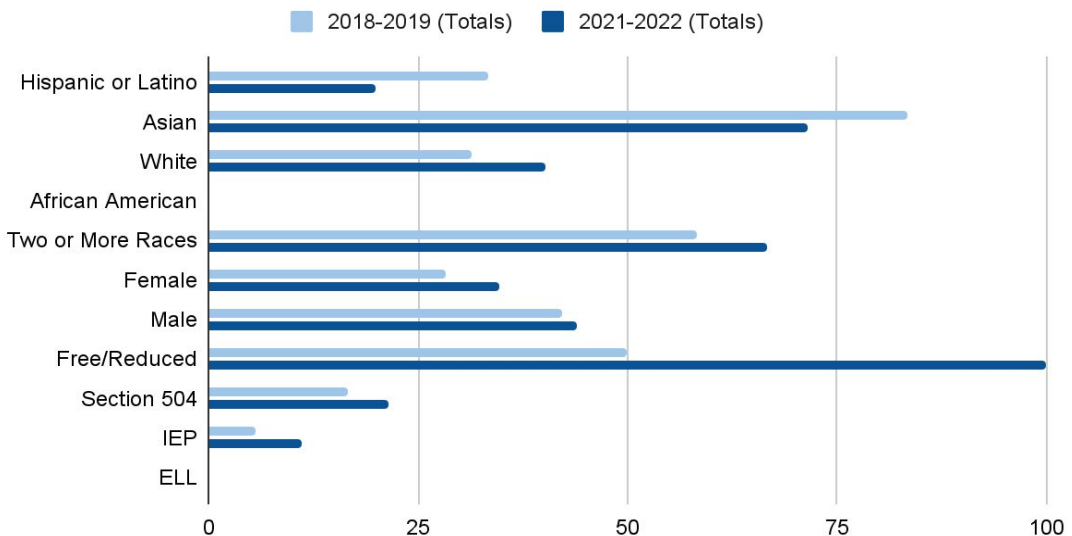
	(Level 1) 100-149	(Level 2) 150-199	(Level 3) 200-242	(Level 4) 243-300	≥ Level 3
Grade 5 MSD	15.5%	39.3%	29.8%	15.5%	45.2%
Grade 5 NJ	41.6%	32.9%	18.2%	7.4%	25.5%
Grade 8 MSD	5.6%	58.4%	24.7%	11.2%	36%
Grade 8 NJ	40.9%	43.5%	12.0%	3.6%	15.6%

## SCIENCE-- 2019 - 2022 2- Year Comparison - Same Grade/Different Students Who Met or Exceeded Expectations



## SCIENCE Subgroups Meeting Expectations ( $\geq$ Level 3) at all grade levels

### Science Percentages



# Science Focus

- Ongoing focus of Science Programming:
  - Continued departmental planning, team meetings, and professional development
  - Incorporation of some [Open Sci-Ed](#) lessons for grades 6-8
    - Ongoing PD opportunities for staff
  - Evaluation of state provided data to identify any necessary curricular adjustments.
    - Results and curricular adjustments will be shared with all science teachers
  - Incorporation of updated NJSL standards, including newly mandated [Climate Change](#) standards.
    - Professional development was provided on Nov. 8th

## COMMENTS / QUESTIONS

