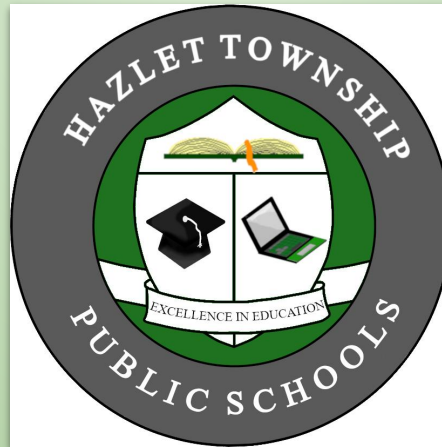


# NJSLA Science Results 2019



# NJSLA - Science Introduction

The NJSLA–S measures student proficiency in the New Jersey Student Learning Standards for Science. One of the primary purposes of the NJSLA–S is to identify areas of curricular strength and weakness by examining the extent to which students meet the established performance expectations in science. The 2018-19 assessment was considered the baseline test.

## GRADE LEVEL STANDARDS ASSESSED

**Grade 5**      All science standards from grades 3 - 5

**Grade 8**      All middle school science standards

**Grade 11**     All high school science standards

# NJSLA-Science Results 2019

## Four levels of achievement

**Level 1 - Below Expectations**

**Level 2 - Approaching Expectations**

**Level 3 -Met Expectations**

**Level 4 -Exceeding Expectations**

# NJSLA - Science Results 2019

Grade 5 Assessment Results (District vs.State) % of students at each level

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>District</b>	28.0%	41.8%	24.9%	5.3%
<b>State</b>	34.8%	36.0%	22.7%	6.6%

# NJSLA - Science Results 2019

Grade 5 Subgroups	Level 1	Level 2	Level 3	Level 4
Asian	0%	16.7%	50.0%	33.3%
Black	0%	100.0%	0%	0%
Hispanic	38.9%	22.2%	33.3%	5.6%
Multiple	0%	0%	0%	0%
White	28.0%	44.5%	23.2%	4.3%
F/R Lunch	38.9%	44.4%	11.1%	5.6%

# NJSLA - Science Results 2019

Grade 5 Subgroups	Level 1	Level 2	Level 3	Level 4
Section 504	53.8%	30.8%	7.7%	7.7%
LEP	50.0%	50.0%	0%	0%
Special Education	75.8%	21.2%	3.0%	0%
General Education	17.9%	46.2%	29.4%	5.3%

# NJSLA - Science Results 2019

Grade 8 Assessment Results (District vs.State) % of students at each level

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>District</b>	28.9%	50.7%	17.3%	3.1%
<b>State</b>	35.7%	44.5%	15.3%	4.5%

# NJSLA - Science Results 2019

Grade 8 Subgroups	Level 1	Level 2	Level 3	Level 4
Asian	0%	50.0%	50.0%	0%
Black	50.0%	50.0%	0%	0%
Hispanic	36.8%	57.9%	5.3%	0%
Multiple	0%	100.0%	0%	0%
White	29.7%	49.5%	17.2%	3.6%
F/R Lunch	35.7%	50.0%	14.3%	0%



# NJSLA - Science Results 2019

Grade 8 Subgroups	Level 1	Level 2	Level 3	Level 4
Section 504	23.1%	76.9%	0%	0%
LEP	0%	0%	100.0%	0%
Special Education	71.8%	23.1%	5.1%	0%
General Education	19.8%	56.5%	19.8%	3.1%

# NJSLA - Science Results 2019

Grade 11 Assessment Results (District vs.State) % of students at each level

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>District</b>	63.1%	26.3%	8.3%	2.3%
<b>State</b>	49.1%	23.6%	19.5%	7.8%

# NJSLA - Science Results 2019

Grade 11 Subgroups	Level 1	Level 2	Level 3	Level 4
Asian	33.3%	66.7%	0%	0%
Black	100.0%	0%	0%	0%
Hispanic	80.0%	15.0%	5.0%	0%
Multiple	0%	0%	100.0%	0%
White	61.8%	27.2%	8.4%	2.6%
F/R Lunch	75.6%	20.0%	4.4%	0%

# NJSLA - Science Results 2019

Grade 11 Subgroups -	Level 1	Level 2	Level 3	Level 4
Section 504	33.3%	33.3%	33.3%	0%
LEP	100.0%	0%	0%	0%
Special Education	83.3%	16.7%	0%	0%
General Education	57.3%	29.0%	8.3%	2.3%

# Addressing the Data

- Administration meets with each teacher to discuss the results and brainstorm possible changes for the upcoming school year.
- For the 2019-20 school year, teachers are participating in more professional development focused on science and addressing the science standards.
- STEAM activities are built into the school day for students in the elementary grades.
- Each summer the district offers Advanced Placement prep courses to familiarize students with the AP course they registered for in the upcoming school year.
- New Pre-Engineering Academy at Raritan High School for 2020-21.
- New Aviation Career Pathway at Raritan High School for 2020-21.

# Additional Resources

- The NJDOE Office of Standards has a repository of various resources to help support educators and districts with the implementation of the NJSLS-Science:
  - <https://www.nj.gov/education/aps/cccs/science/mc.htm>
- NJSLA-Science practice tests are also available online at the following site:
  - <https://measinc-nj-science.com/>
- The NJDOE plans to continue to develop additional resources, such as K-12 instructional units based on the 2020 NJSLS-Science and connect educators with free resources and course materials.

Thank You