

NJSLA Science Results:
Spring 2019
Administration

Oceanport Public Schools
May 2020

New Jersey Student Learning Assessment – Science (NJSLA-Science)

The NJSLA-Science:

- Is a federally required state assessment administered to students in grades 5, 8, and 11
- Provides a snapshot of student performance on the New Jersey Student Learning Standards for Science (NJSLS-Science).
- Was developed in collaboration with NJ educators, the New Jersey Department of Education (NJDOE), and New Jersey's contracted science vendors
- Is significantly different from the New Jersey Assessment of Skills and Knowledge (NJ ASK) because NJSLS-Science are more rigorous standards and NJSLA-Science focuses on the application of science knowledge and skills rather than memorization of content.

Frequently Asked Questions

Does a student have to pass the NJSLA-Science to graduate?

No. The NJSLA-Science is NOT a state graduation assessment requirement.

Why did we need a new test?

A new test was needed to measure the State's new, more rigorous science standards that are informing classroom instruction.

The new standards were adopted by the State in 2014, with full implementation in grades 6-12 in September 2016 and K-5 in September 2017.

When will the NJSLA-Science scores be utilized in NJQSAC?

NJQSAC for school year 2021-2022 will be the first year in which NJSLA-S will be factored in, utilizing results from 2020-2021 administration of the assessment.

NJSLA-S PERFORMANCE LEVELS

Grade 5

- Level 1 (100-149)
- Level 2 (150-199)
- Level 3 (200-242)
- Level 4 (243-300)

Grade 8

- Level 1 (100-149)
- Level 2 (150-199)
- Level 3 (200-230)
- Level 4 (231-300)

Levels 3 and 4 are considered proficient or above.

NOTABLE ACHIEVEMENTS

- The percentage of students scoring at a level 3 or 4 (proficient or above) in the District was above the State in both grades 5 and 8
- The district performed above the state in all three domains in grades 5 and 8
 - Earth & Space Science
 - Life Science
 - Physical Science
- The district performed above the state in all three practices in grades 5 and 8
 - Investigating
 - Sensemaking
 - Critiquing

GLOSSARY OF DATA TERMS

- **District** – *references scores for **Oceanport School District** students*
- **State** – *references scores for public school students in New Jersey*
- **G** – *references **general education** Oceanport School District student scores*
- **S** – *references **special education** Oceanport School District student scores*
- **FR** – *references scores for Oceanport School District students receiving free or reduced lunch benefits*

OCEANPORT 2019 NJSLA OUTCOMES

SCIENCE - GRADE 5

	Level 1 (100 - 149)	Level 2 (150 – 199)	Level 3 (200 – 242)	Level 4 (243 – 300)	% >= Level 3
Grade 5 District 57 Valid Scores	17.5% 10 - G 6 - S 2 - FR	38.6% 22 - G 5 - S 1 - FR	35.1% 20 - G 0 - S 2 - FR	8.8% 5 - G 0 - S 1 - FR	43.9%
Grade 5 State	34.8%	36.0%	22.7%	6.6%	29.2%

Notes: Percentages may not total 100 due to rounding.

Levels 3 and 4 are considered proficient or above.

GRADE 5 PERFORMANCE BY RACE SUBGROUP

Subgroup	Total Number of Student Records	Level 1 (100 - 149)	Level 2 (150 – 199)	Level 3 (200 – 242)	Level 4 (243 – 300)	% >= Level 3
White	49	14.6%	39.6%	37.5%	8.3%	48.5%
Black or African American	1	100%	0%	0%	0%	0%
Hispanic/Latino	4	50%	25%	25%	0%	25%
Asian	1	0%	100%	0%	0%	0%
Two or more races	3	0%	33.3%	33.3%	33.3%	66.7%
Other	0	0%	0%	0%	0%	0%

Levels 3 and 4 are considered proficient or above.

OCEANPORT 2019 NJSLA OUTCOMES

SCIENCE - GRADE 8

	Level 1 (100 - 149)	Level 2 (150 – 199)	Level 3 (200 – 230)	Level 4 (231 – 300)	% >= Level 3
Grade 8 District 60 Valid Scores	21.7% 13 - G 6 - S 2 - FR	51.7% 31 - G 2 - S 3 - FR	20.0% 12 - G 2 - S 0 - FR	6.7% 4 - G 0 - S 2 - FR	26.7%
Grade 8 State	35.7%	44.5%	15.3%	4.5%	19.8%

Notes: Percentages may not total 100 due to rounding.

Levels 3 and 4 are considered proficient or above.

GRADE 8

PERFORMANCE BY RACE SUBGROUP

Subgroup	Total Number of Student Records	Level 1 (100 - 149)	Level 2 (150 – 199)	Level 3 (200 – 242)	Level 4 (243 – 300)	% >= Level 3
White	56	19.2%	55.8%	19.2%	5.8%	25.0%
Black or African American	1	0%	0%	0%	100%	100%
Hispanic/Latino	6	33.3%	33.3%	33.3%	0%	33.3%
Asian	1	0%	100%	0%	0%	0%
Two or more races	0	0%	0%	0%	0%	0%
Other	0	0%	0%	0%	0%	0%

Levels 3 and 4 are considered proficient or above.

INTERVENTION STRATEGIES

Goal: Increase overall science achievement in both grades 5 and 8

- Analyze NJSLA-S data to develop strategies to improve overall student achievement; Looking forward to comparative data for analysis
- Provide strategies for students on approaches to multi-step problems and continue to reinforce science and engineering practices
- Review resources /curricula
- Administration/Analysis of benchmark assessments
- Expansion of professional development opportunities

What resources are available for further support?

- 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>
- NJSLSA-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.

QUESTIONS?

Thank you!

Additional Questions? email me at: gmartinez@oceanport.k12.nj.us