

NJSLA Science Results: Spring 2019 Administrations

Ridgefield Park
April 29, 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.

Comparison of **Ridgefield Park's** Spring 2019 NJSLA Administrations Science to New Jersey Percentages for 2019

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State
5	38.1	34.8	33.3	36.0	22.4	22.7	6.1	6.6
8	38.1	35.7	47.1	44.5	12.9	15.3	1.9	4.5
11	54.4	49.1	29.8	23.6	11.8	19.5	3.9	7.8

Notes: Percentages may not total 100 due to rounding.

Ridgefield Park's Number of Students Tested in Spring 2019 NJSLA Administrations - Science

Grade	Students Tested 2019
5	147
8	155
11	228
Total	530

Note: "Students Tested" represents individual valid test scores for Science.

Ridgefield Park's

2019 Spring NJSLA School & Grade-Level Outcomes Science - Percentages

Grade 5	Level 1	Level 2	Level 3	Level 4	% of students at Level 3 and 4
Grant	35.5	29.0	25.8	9.7	35.5
Lincoln	47.8	21.7	21.7	8.7	30.4
Roosevelt	32.9	42.9	21.4	2.9	24.3

Grade 8	Level 1	Level 2	Level 3	Level 4	% of students at Level 3 and 4
RPJSHS	38.1	47.1	12.9	1.9	14.8

Grade 11	Level 1	Level 2	Level 3	Level 4	% of students at Level 3 and 4
RPJSHS	54.4	29.8	11.8	3.9	15.8

Notes: Percentages may not total 100 due to rounding.

Comparison of **Grant School's** Spring 2019 Administration Science to **Ridgefield Park's** Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District
5	35.5	38.1	29.0	33.3	25.8	22.4	9.7	6.1

Grade 5	Students Tested 2019
Grant	31
District	147

Notes: Percentages may not total 100 due to rounding.

“Students Tested” represents individual valid test scores for Science.

Comparison of **Lincoln School's** Spring 2019 Administration Science to **Ridgefield Park's** Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District
5	47.8	38.1	21.7	33.3	21.7	22.4	8.7	6.1

Grade 5	Students Tested 2019
Lincoln	46
District	147

Notes: Percentages may not total 100 due to rounding.

“Students Tested” represents individual valid test scores for Science.

Comparison of **Roosevelt School's** Spring 2019 Administration Science to **Ridgefield Park's** Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District
5	32.9	38.1	42.9	33.3	21.4	22.4	2.9	6.1

Grade 5	Students Tested 2019
Roosevelt	70
District	147

Notes: Percentages may not total 100 due to rounding.

“Students Tested” represents individual valid test scores for Science.

Comparison of **Ridgefield Park Junior-Senior High School's** Spring 2019 Administration Science to **Ridgefield Park's** Percentages in 2019

Grade	Level 1, School	Level 1, District	Level 2, School	Level 2, District	Level 3, School	Level 3, District	Level 4, School	Level 4, District
8	38.1	38.1	47.1	47.1	12.9	12.9	1.9	1.9
11	54.4	54.4	29.8	29.8	11.8	11.8	3.9	3.9

School and District	Students Tested 2019
Grade 8	155
Grade 11	228

Notes: Percentages may not total 100 due to rounding.

“Students Tested” represents individual valid test scores for Science.

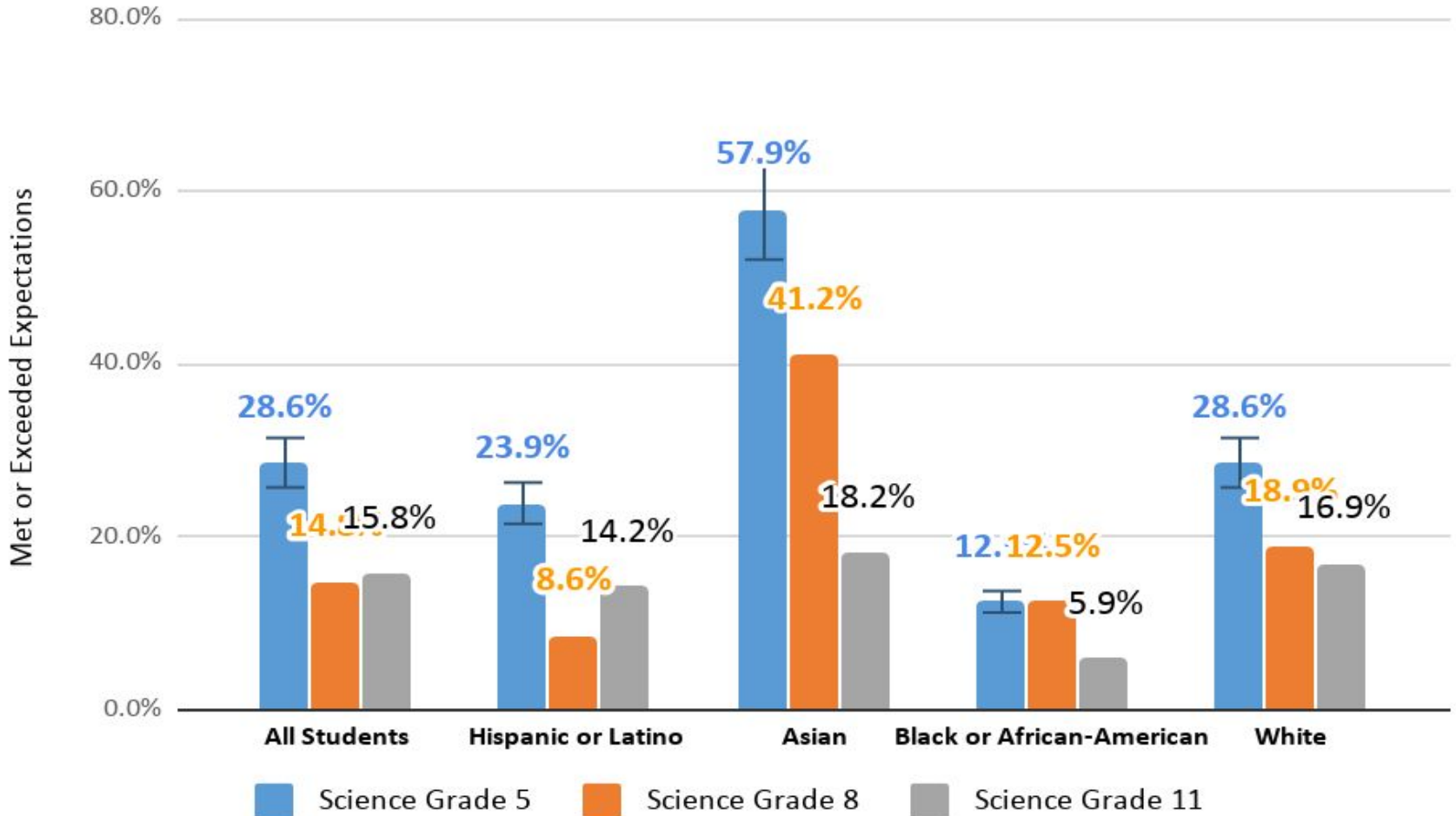
Ridgefield Park's Notable Achievements

- The Science Consultant was able to complete 35 of the 90 scheduled hours prior to the school closure. This included professional development with the Science teachers in Grades 5 to 12.
- The Science Supervisor organized a full day of vertical articulation with the teachers in Grades 5 through 8 to work with the Science Consultant. This allowed for curriculum reorganization and alignment. The importance of implementing more student driven lessons, as well as the Earth Science standards was discussed.
- Four of the Ridgefield Park Junior-Senior High School's teachers attended the three day Next Generation Science Standards Assessment Design Institute through PRISM (Professional Resources in Science and Mathematics) at Montclair State University during the summer.
- Six of the elementary teachers attended a full day workshop on Next Generation Science Standards: Beyond the Basics for Grades K-5 through PRISM (Professional Resources in Science and Mathematics). This included one teacher from Grade 3 and Grade 4 from each of the elementary schools.

Ridgefield Park's Intervention Strategies

- Continuation of the Science Consultant when school reopens and in the upcoming school year.
- Continue to review the curriculum to ensure the alignment of the curriculum guides and course materials to the new assessments and standards.
- These test results arrived right before our school closure. As a district we will continue to analyze the data provided once schools reopen and throughout the upcoming school year to prepare for the 2021 assessments.
- The district will begin reviewing the 2020 NJSL-Science to begin the revision of the curriculum guides appropriately.
- Once the NJ DOE releases the K-12 instructional units based on the 2020 NJSL-Science, the district will begin review and implement the resources accordingly.

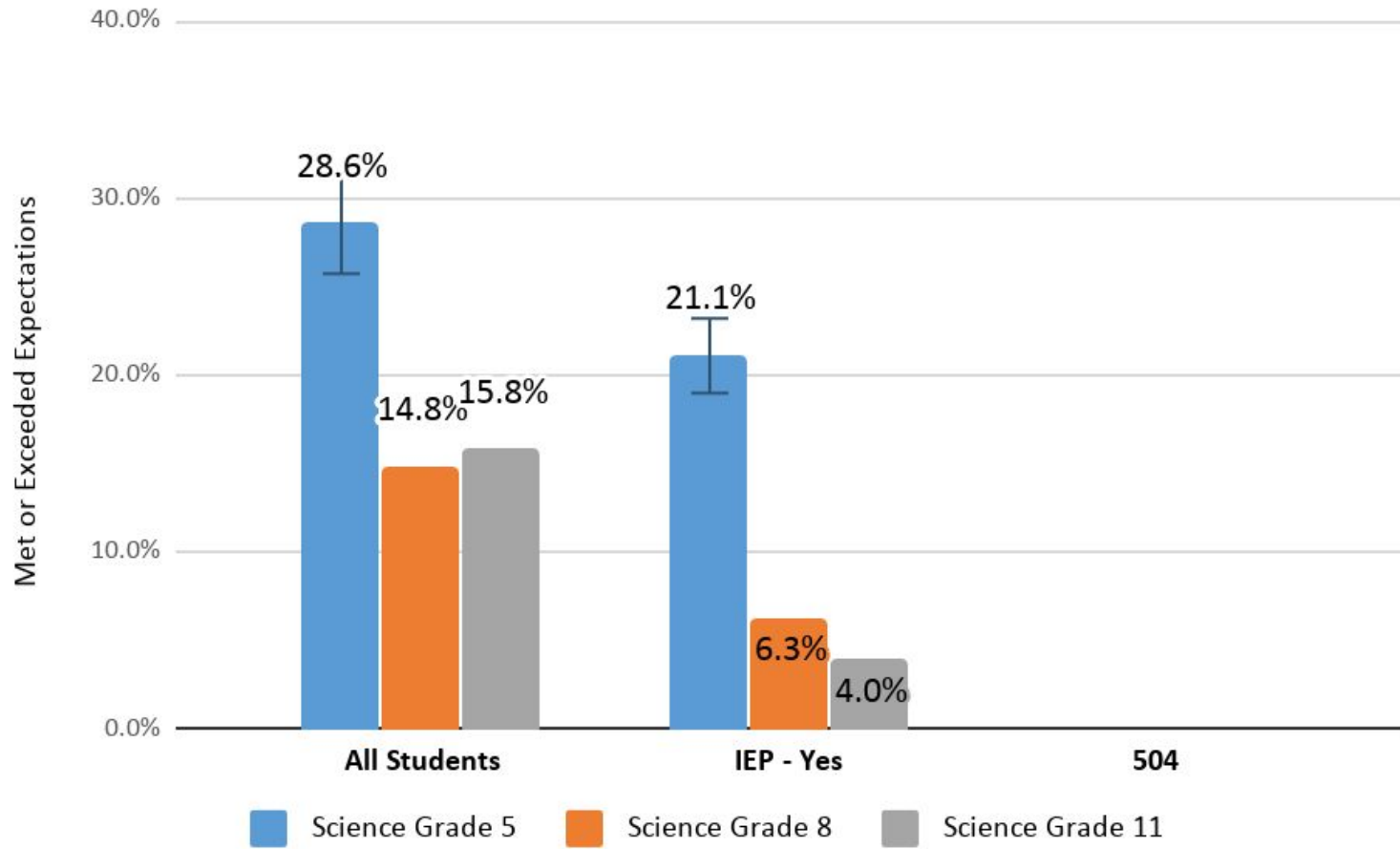
Science Performance by Subgroup Ethnicity/Race (\geq Level 3)



Note: To protect the identity of a student, statistics are only included if the total number of students is greater than 10. ¹²

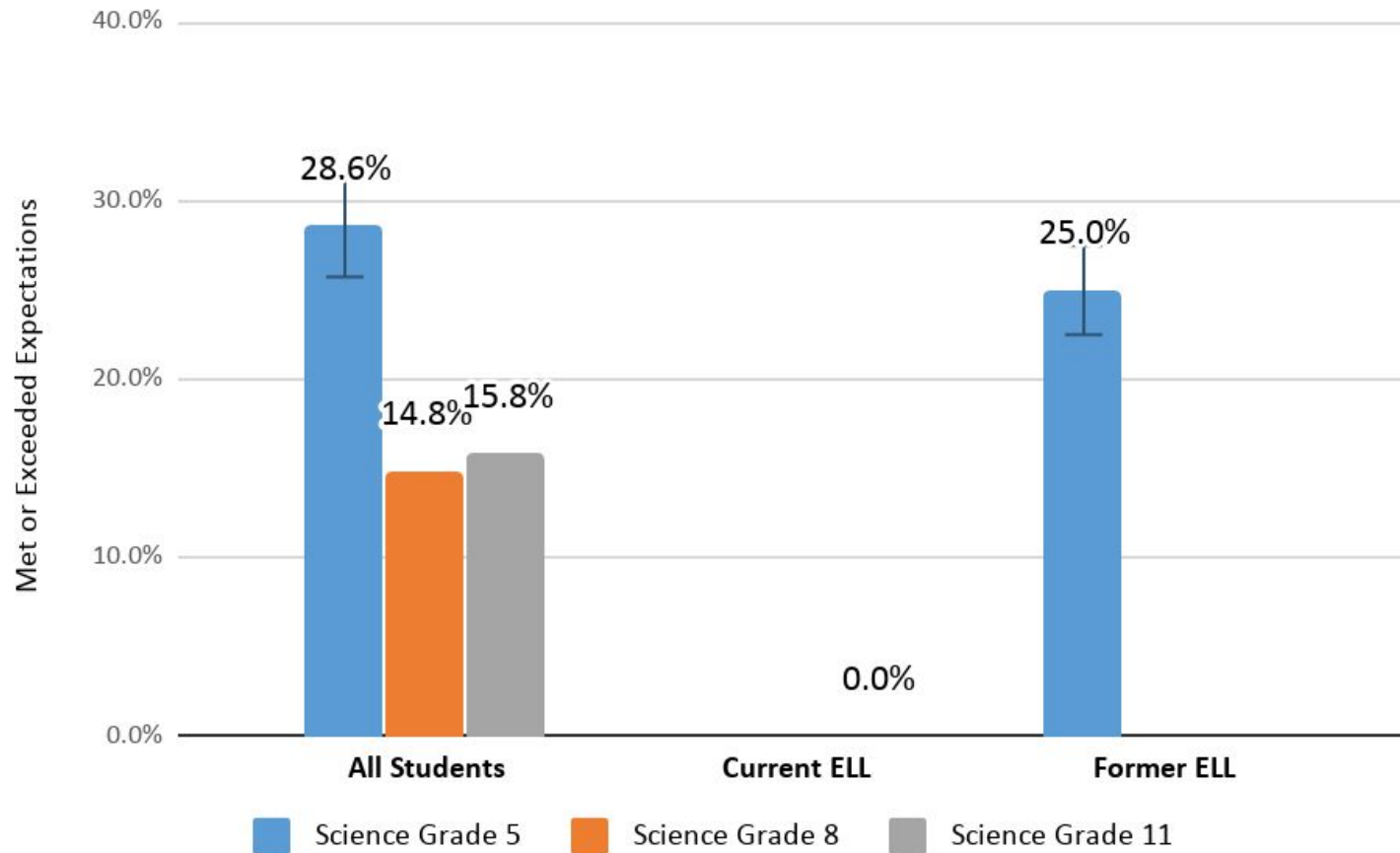
Science Performance by Subgroup

Students with Disabilities (\geq Level 3)



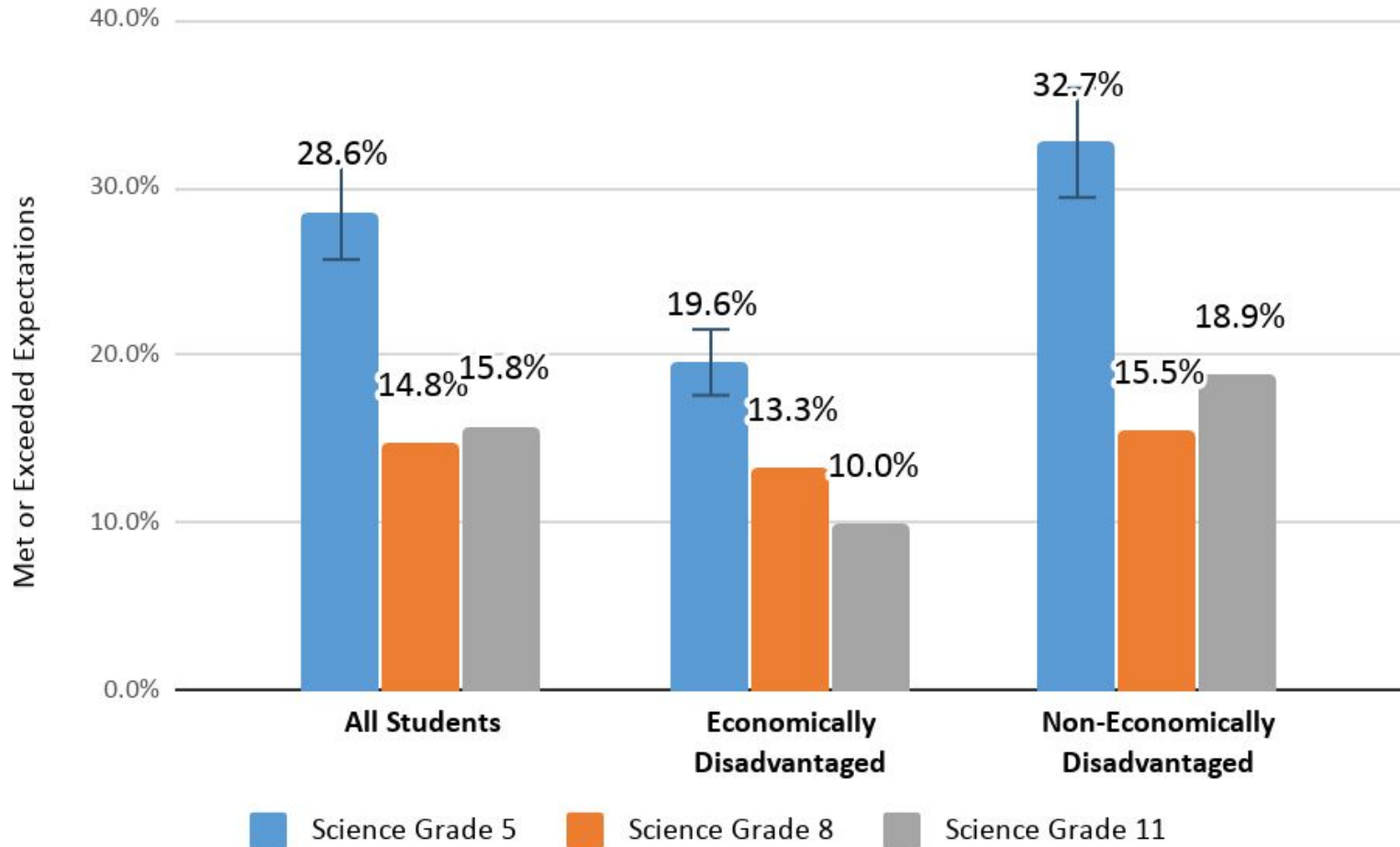
Notes: To protect the identity of a student, statistics are only included if the total number of students is greater than 10. The percentages **are not included** for students with a **504 Plan** based on the number of students.

Science Performance by Subgroup English Language Learners (\geq Level 3)



Notes: To protect the identity of a student, statistics are only included if the total number of students is greater than 10. The percentages **are not included** for **Current ELLs** based on the number of students in **Grades 5 and 8**. The percentages **are not included** for **Former ELLs** based on the number of students in **Grades 8 and 11**.

Science Performance by Subgroup Economically Disadvantaged (\geq Level 3)



Frequently Asked Questions

Why did we need a new test?

- A new test was needed to measure the State's new, more rigorous science standards (NJSL-Science) that are informing classroom instruction.
- The NJSL-Science standards were adopted by the State in 2014. The timeline for transition to the new standards for districts required full implementation in grades 6-12 by September 2016 and full implementation in grades K-5 by 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 results from the NJSLA-Science will be factored into NJQSAC, utilizing the results from the 2020-2021 administration of the assessment.

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

- The NJSLA-Science is not a state graduation assessment requirement.

Why do NJSLA-Science scores look different from those of the previous state science tests?

- The NJSLA-Science assessment reflects new expectations outlined in the new science standards, the NJSLS-Science, which focuses on the application of science knowledge and skills.
- The prior assessment, New Jersey Assessment of Skills and Knowledge (NJ ASK), emphasized the memorization of content.

How can schools and districts use data from the NJSLA-Science?

- The NJSLA-Science data should be used to evaluate the district's science curriculum and school and classroom instruction.
- This data, in combination with classroom level data collected through formative, summative, and benchmark assessments, can provide schools and districts feedback on students' strengths and weaknesses with particular skills.
- The reports can be used as a catalyst for conversation and exploration of questions such as, but not limited to;
 - What do the patterns in the data suggest about the effectiveness of our program for English Language Learners, students who receive special education services, gifted and talented, general education students, and/or students who qualify for free or reduced lunches?
 - What do the patterns in the data suggest about the allocation of time and resources to our science program?

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>
- 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.