



NJ Student Learning Assessments -
Science
Norwood Public Schools
May 7, 2020

Measuring
College
and
Career
Readiness

- 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).
- Is significantly different from the New Jersey Assessment of Skills and Knowledge (NJASK) as the NJSLS-Science is based on more rigorous standards and focuses on the application of science knowledge and skills rather than memorization of content.

OVERVIEW

2014: The New Jersey Student Learning Standards–
Science (NJSLS-Science) adopted

2016: Districts expected to have begun aligning
curriculum and instruction to the NJSLS-Science

2018: NJSLA-Science Field testing

2019: Operational testing and standard setting by
NJDOE staff, educators, and testing vendors; cut scores
were adopted by the New Jersey State Board of
Education in October

2020: Release of Spring 2019 results and resources and
State Board considers revised NJSLS-Science for
adoption

2022: Results of NJSLS-Science Spring 2021 will be used
for district accountability (QSAC)

TIMELINE

SPRING 2019 GRADE - LEVEL OUTCOMES SCIENCE

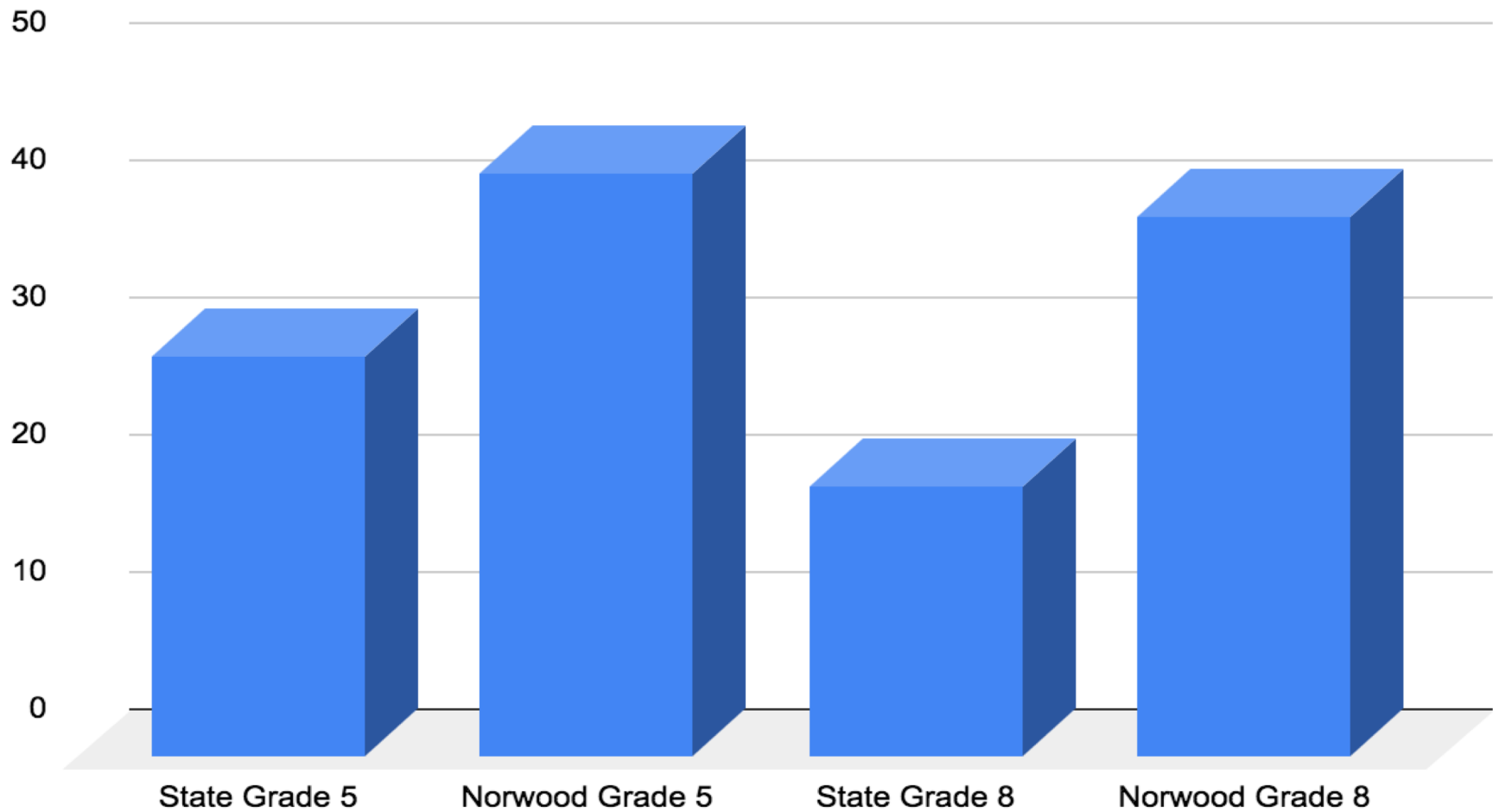
| | Not Yet Meeting (Level 1) | Partially Meeting (Level 2) | Meeting Expectations (Level 3) | Exceeding Expectation (Level 4) | AVG Overall Score |
|-------------------|------------------------------|--------------------------------|-----------------------------------|------------------------------------|-------------------|
| Grade 5 | 30.9% | 26.5% | 33.8% | 8.8% | 180 |
| Grade 5 NJ | 34.8% | 36% | 22.7% | 6.6% | 170 |
| Grade 8 | 12.7% | 47.9% | 28.2% | 11.3% | 187 |
| Grade 8 NJ | 35.7% | 44.5% | 15.3% | 4.5% | 165 |

Note: Percentages may not add up to 100 due to rounding.

SPRING 2019

STUDENTS THAT MET OR EXCEEDED EXPECTATIONS

SCIENCE - PERCENTAGES



COMPARISON OF NORWOOD'S SUBGROUPS RECEIVING 3 OR MORE

| | Grade 5 | Grade 8 |
|-------------------|---------|---------|
| Hispanic | N/A | 20% |
| Asian | 51.9% | 63% |
| White | 41.9% | 22.6% |
| ELL | N/A | N/A |
| Special Education | 25% | 18.2% |

*Student groups are reported with 10 students or more

Norwood's Notable Achievements

We outperformed the state pass rate by a significant margin

Our curriculum is aligned to the Next Generation Science Standards (NJSL Science), which emphasizes hands-on and minds-on approaches.

We use STEAM to integrate engineering principles within our curriculum

We place well each year in the Science CRT

Norwood's Intervention Strategies

We have a robust set of student supports including a high functioning **Intervention and Referral Services Process** that received a 100% on a recent state audit in this area (NJQSAC)

We believe in the motto of “give kids what they need, when they need it”
For those students with more significant needs, we create specialized programs to support them

We promote assistive technologies and 1:1 laptops program as a way of ensuring access to the tools that prepare them for high school and beyond

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.

MORE INFORMATION

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