Spring 2022 Rhode Island Next Generation Science Assessment Individual Student Report

RIDE Rhode Island Department of Education

Name: Doe, Jonathan A.
SASID: 9999992345
Date of Birth: 04/29/2008
District: Demo District (9999)
School: Demo Middle School (99999998)
Grade: 8

What is the Next Generation Science Assessment? (NGSA)

This report provides your child's results from the 2022 Next Generation Science Assessment (NGSA). The NGSA measures student knowledge and skills on the Next Generation Science Standards (NGSS) that Rhode Island adopted in 2013 (www.ride.ri.gov/NGSS). NGSA is administered to students in grades 5, 8, and 11 and provides information on student knowledge and skills in the areas of life sciences, physical sciences, and earth and space sciences.

State tests provide valuable information for you and your child's teacher

The COVID-19 pandemic brought new challenges to our schools, and parents, teachers, and administrators worked together over the last two years to address and overcome these challenges. Last year's assessment results revealed the cumulative impact of the COVID-19 pandemic on students' academic achievement has been large. They placed a spotlight on a new baseline for schools across Rhode Island and the need to accelerate learning for all students. In alignment with the findings from the Learning, Equity & Accelerated Pathways (LEAP) Task Force (https://www.ride.ri.gov/InsideRIDE/AdditionalInformation/LEAPTaskForce.aspx), RIDE and local education agencies remain committed to rebuilding and reimagining Rhode Island's educational system, offering greater access to enriching learning opportunities, and helping students leap ahead in academic achievement.

We thank you for your participation in these tests which helped guide this critical work to improve outcomes for students. While it is important to acknowledge the pandemic's impact, we must now focus on understanding your child's understanding of science knowledge and skills. We hope this report can help inform and empower you as you advocate for your child. You know your child best. For more information on how to understand the results, visit www.RIDE.ri.gov/Assessment-Results.

The report shows:

- Your child's score between 60 and 73 and their achievement level
- Your child's achievement compared to school, district, and state averages
- How your child performed in the different areas of science measured by this assessment

Your Child's Overall Results in Grade 8

Science

Achievement Level

Meeting Expectations

Score

67

(Score range: 1-120)

What Do I Do Next?

After reviewing this report, it is critical that you connect with your child's school by attending family-teacher conferences and discussing with your child's teachers your questions and concerns. Don't be afraid to speak up. Children whose families stress the value of education are more likely to find it important, as well.

- School attendance matters, **every single day**. Missing just two days of school a month is chronically absent, so make it a priority to get your child to school on time daily.
- Establish daily reading routines, let your child see you read, and encourage your child to read for fun all year long.
- Get involved and stay connected to your child's school, however and whenever you can.
- Share your voice! Help improve your child's school by participating in SurveyWorks every year.
- Start a conversation. Ask questions. Talk to your child about what they're learning and show an interest in the subjects that excite them.

Remember, you are your child's first teacher, and you play an important role in setting your child up for success.

Did you know that establishing family routines can help your child succeed?

Make a habit of setting up designated times for homework, reading, mealtimes, family conversations, bedtime, and leaving for school each day.

Join us to improve education!
Scan the QR code to access important information and resources for your family

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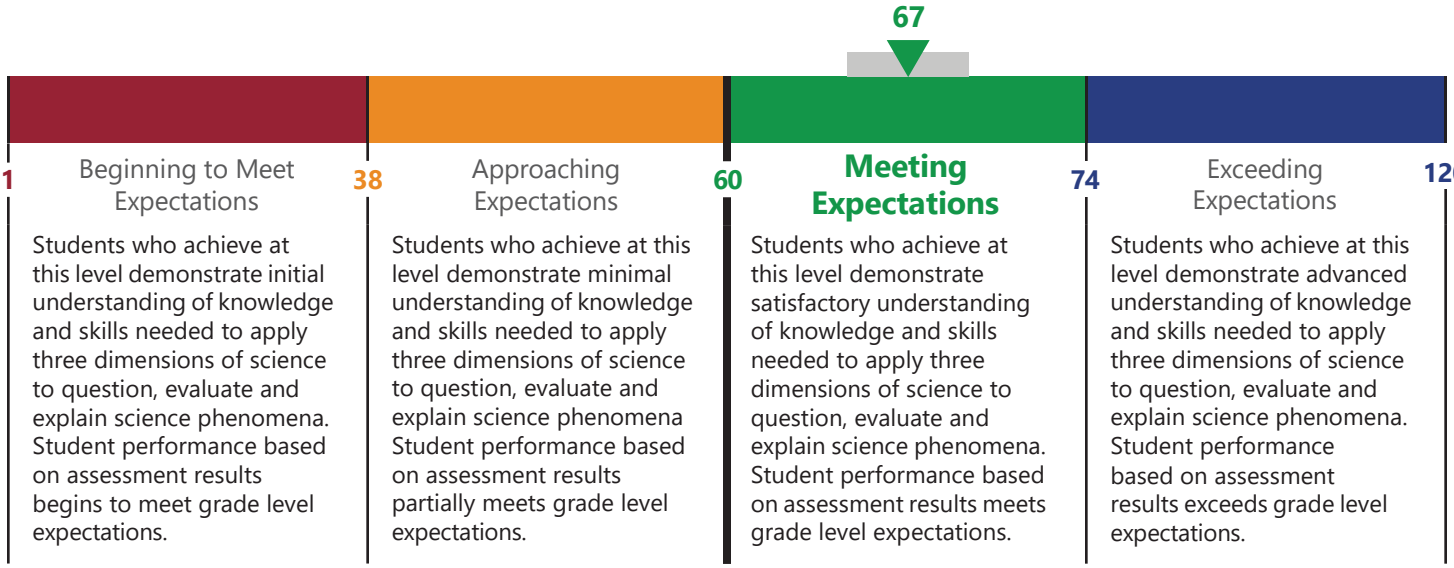
Grade 8
Spring 2022

Science

Computer-based Test

Your Child's Achievement Level	**Meeting Expectations**
Your Child's Score	**67**



Beginning to Meet Expectations
Students who achieve at this level demonstrate initial understanding of knowledge and skills needed to apply three dimensions of science to question, evaluate and explain science phenomena. Student performance based on assessment results begins to meet grade level expectations.

Approaching Expectations
Students who achieve at this level demonstrate minimal understanding of knowledge and skills needed to apply three dimensions of science to question, evaluate and explain science phenomena Student performance based on assessment results partially meets grade level expectations.

Meeting Expectations
Students who achieve at this level demonstrate satisfactory understanding of knowledge and skills needed to apply three dimensions of science to question, evaluate and explain science phenomena. Student performance based on assessment results meets grade level expectations.

Exceeding Expectations
Students who achieve at this level demonstrate advanced understanding of knowledge and skills needed to apply three dimensions of science to question, evaluate and explain science phenomena. Student performance based on assessment results exceeds grade level expectations.

The horizontal gray bar shown in the graphics above shows the range of likely scores your child would receive if he or she took the test multiple times. The score range for your child is between 63 and 71.

Jonathan's Science Score

67
Meeting Expectations

Jonathan's Science score is **67**. This score is **similar to** the average score of eighth graders in the school, **higher than** that of eighth graders in the district, and **higher than** that of eighth graders statewide.

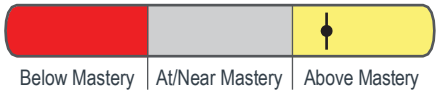
Achievement

How your child performed compared to students in their school, district, and state.

Year	Your Child's Score	Average Score		
		School	District	State
2022	**67**	**65**	**60**	**50**

How Did Your Student Perform in the Different Areas of Science?

Life Sciences

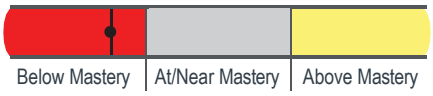


Your student can consistently use experimental data and models to describe cells and systems of living things; model links between genetic variation, organisms, populations, energy, and matter in ecosystems; and use fossil data to explain changes in populations over time.

Physical Sciences

Your student can sometimes model and interpret data about chemical reactions; predict, model, and calculate features and energy of waves; and investigate, graph, and make claims about the motion, mass, forces, and energy of objects.

Earth and Space Sciences



Your student may have difficulty developing and using models to describe the motion of celestial bodies, gravity, energy flow, and matter cycles; and analyzing data to explain properties of the solar system, Earth's history, geologic time scales and processes, Earth's resources, and human impact on the environment.

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