

# NGSA Individual Student Report (ISR) Guide

The family of each student receives their child’s NGSA results in the form of the individual student report (ISR). A paper copy of the ISR is provided to families by the student’s school district.

ISRs include the following information, explained in more detail in this guide:

- general information about the year’s test administration
- student score and overall achievement level
- achievement comparison with the school/district/state
- domain performance level for each of the three science disciplines

**Spring 2024 Rhode Island Next Generation Science Assessment Individual Student Report**

**RIDE** Rhode Island Department of Education

Name: Doe, Jonathan A. SASID: 999992345 Date of Birth: 04/29/2011  
 District: Demo District (9999) School: Demo Middle School (9999998) Grade: 8

**What is the Next Generation Science Assessment? (NGSA)**  
 This report provides your child’s results from the 2024 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.gov/NGSS](http://www.ride.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**  
 Information from the NGSA, in combination with other academic and social measures, will help educators assess grade level placement, design specialized instruction, set learning goals, and monitor progress. These tests will allow schools, districts, and RIDE to identify where we need to take action to improve teaching and learning. These tests help guide critical work to improve outcomes for students. We hope understanding your child’s comprehension of science knowledge and skills will empower you as an advocate for your child. For more information on how to better understand the results, visit [www.ride.gov/assessment-Results](http://www.ride.gov/assessment-Results).

**Your Child’s Overall Results in Grade 8**

**Science**  
 Achievement Level: **Meeting Expectations**  
 Score: **67**  
 (Score range: 1-120)

**The report shows:**

- your child’s score between 1 and 120 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.

**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 more information on state assessments and score interpretation resources for your family

Name: Doe, Jonathan A. SASID: 999992345 Grade 8 Spring 2024 Computer-based Test

**Science**

Your Child’s Achievement Level: **Meeting Expectations**  
 Your Child’s Score: **67**

1 Beginning to Meet Expectations 38 Approaching Expectations 60 **Meeting Expectations** 74 Exceeding Expectations 120

Students who achieve at this level demonstrate initial understanding of the 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.

Students who achieve at this level demonstrate minimal understanding of the 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.

Students who achieve at this level demonstrate satisfactory understanding of the 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.

Students who achieve at this level demonstrate advanced understanding of the 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 shows the range of 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**

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

Year	Your Child’s Score	Average Score		
		School	District	State
2024	67	65	60	50

Jonathan’s 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.

**How Did Your Child Perform in the Different Areas of Science?**

**Life Sciences**  
 Below Mastery | At/Near Mastery | Above Mastery

Your child 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**  
 Below Mastery | At/Near Mastery | Above Mastery

Your child 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**  
 Below Mastery | At/Near Mastery | Above Mastery

Your child 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.

Grade 8 ISR example used throughout this guide for illustrative purposes.

# Spring 2024 Rhode Island Next Generation Science Assessment Individual Student Report



**RIDE** Rhode Island Department of Education

**Name:** Doe, Jonathan A.      **District:** Demo District (9999)  
**SASID:** 9999992345      **School:** Demo Middle School (99999998)  
**Date of Birth:** 04/29/2011      **Grade:** 8

Your child's personal information, and their school and district are here.

## What is the Next Generation Science Assessment? (NGSA)

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This introduction provides context about the 20223 NGSA administration and the purpose of state assessments.

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

Information from the NGSA, in combination with other academic and social measures, will help educators assess grade level placement, design specialized instruction, set learning goals, and monitor progress. These tests will allow schools, districts, and RIDE to identify where we need to take action to improve teaching and learning. These tests help guide critical work to improve outcomes for students. We hope understanding your child's comprehension of science knowledge and skills will empower you as an advocate for your child. For more information on how to better understand the results, visit [www.RIDE.ri.gov/Assessment-Results](http://www.RIDE.ri.gov/Assessment-Results).

### Your Child's Overall Results in Grade 8

#### The report shows:

- your child's score between 1 and 120 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.

**Science**  
Achievement Level  
**Meeting Expectations**  
Score  
**67**  
(Score range: 1-120)

This section summarizes your child's overall score out of a possible 120, as well as the achievement level your child reached, which shows if your child is on-track with grade-level expectations. Details about each of these are on the next page.

## 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.
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#### 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.

Learn more about how you can use these results to work with your child's teacher to help your child in the *What Do I Do Next?* section.



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The QR code leads to <http://www.ride.ri.gov/Families> where you can find additional information about content standards and state assessments.

# Student Score and Achievement Level Information

Name: Doe, Jonathan A.  
SASID: 9999992345

Grade 8  
Spring 2024  
Computer-based Test

**Science**

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

1 38 60 74 120

**Beginning to Meet Expectations**  
Students who achieve at this level demonstrate initial understanding of the 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 the 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 the 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 the 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 shows the range of 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 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
2024	67	65	60	50

**How Did Your Child Perform in the Different Areas of Science?**

**Life Sciences**  
Your child 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 child 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 child 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.

66 6666 6666

2 / 2

This multi-colored bar shows the score range for each achievement level and where your child's score falls, which indicates how close your child is to the next level.

Your child's scale score is shown here, as well as how it compares to the students in their grade level in their school, district, and statewide.

Achievement shows you how your child's score compares to the average score in their school, their district, and statewide.

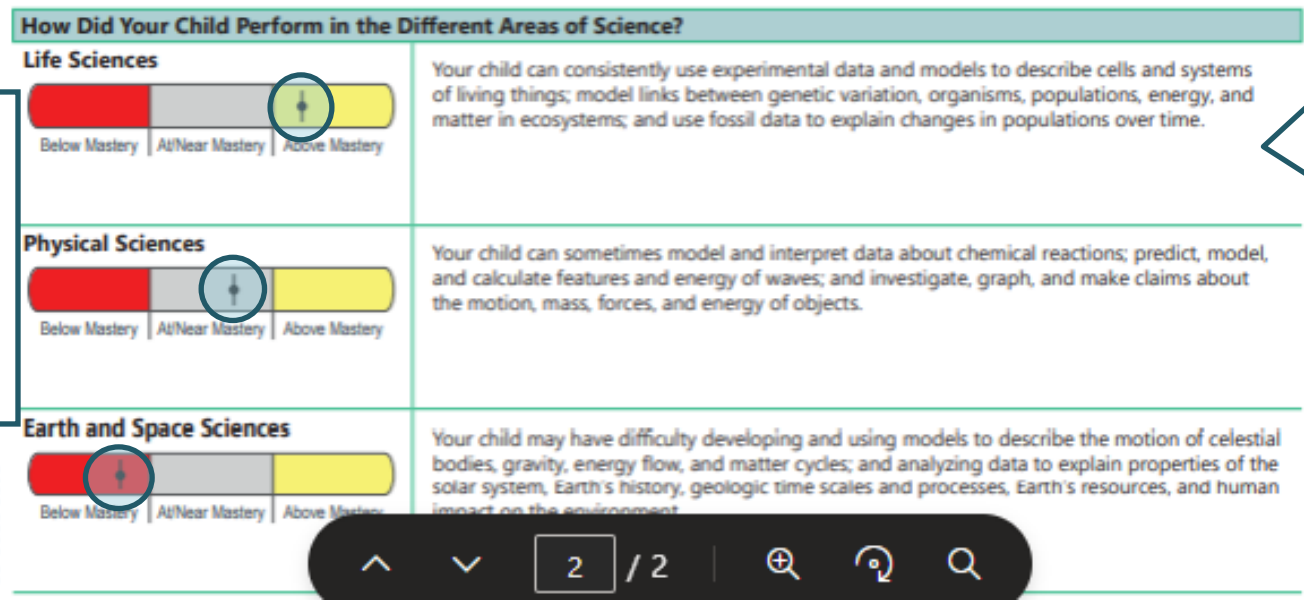
This section about domain performance levels is described in more detail on the following page.

# Domain Performance Level

NGSA covers the three domains (disciplines) of science in the Next Generation Science Standards: Life Sciences, Physical Sciences, and Earth and Space Sciences. In addition to their overall performance level and scale score, students receive a domain performance level that indicates their understanding of the knowledge and practices expected in that discipline for their grade band.

This information can be used to see where your child is succeeding and where they may need additional support to enhance specific content area knowledge and skills needed to master the science standards for their grade level.

Your child's performance in each domain of science is indicated by dot and the bar on the graph (circled in the graphs). In this example, the student received *Above Mastery* in Life Sciences, *At/Near Mastery* in Physical Sciences, and *Below Mastery* in Earth and Space Sciences.



This text explains what the domain performance level means in terms of the knowledge and practices expected for that grade. Because the expectations are grade-specific, the content described will be different across grades 5, 8, and 11.