

NGSA Individual Student Report (ISR) Guide

The family of each student receives their child’s NGSA results in the form of the individual student score report (ISR). A paper copy of the ISR is provided to families from 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 scale score and overall achievement level
- achievement comparison with the school/district/state
- domain performance level for each of the three science disciplines

Spring 2022 Rhode Island Next Generation Science Assessment Individual Student Report

Name: Doe, Jonathan A. District: Demo District (9999) School: Demo Middle School (99999968) 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. <https://www.rhodeisland.gov/2022/03/09/ngsa-is-administered-to-students-in-grades-5-8-and-11-and-provides-information-on-student-knowledge-and-skills-in-the-areas-of-life-science-physical-science-and-earth-and-space-science/>

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.risde.org/2022/03/09/ngsa-information-on-leap-task-force.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 keep 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.risde.org/Assessment-Results.

Your Child's Overall Results in Grade 8

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

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

Name: Doe, Jonathan A. Grade 8 Spring 2022
 SASID: 9999992345 Computer-based Test

Science

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

Meeting Expectations

Beginning to Meet Expectations: 38
 Approaching Expectations: 60
Meeting Expectations: 74
 Exceeding Expectations: 120

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.

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.

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.

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, force, 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.

Grade 8 ISR example used throughout this guide for illustrative purposes

Spring 2022 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: 04/29/2008 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.

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

This introduction provides context about the 2022 NGSA administration and the purpose of state assessments.

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)

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.

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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 in collaboration with your child's teacher to help your child in the *What Do I Do Next?* section.



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Scan the QR code to access important information and resources for your family

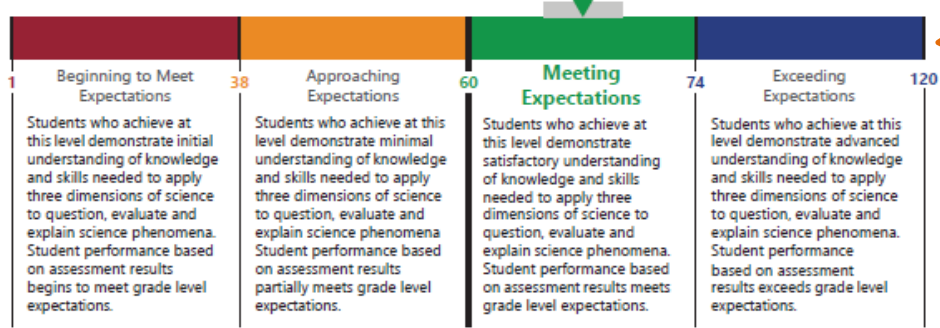
The QR code leads to <http://www.ride.ri.gov/Families> where you can find additional information about content standards and state assessments.

Student Score and Achievement Level Information

Name: Doe, Jonathan A. Grade 8
 SASID: 999992345 Spring 2022
 Computer-based Test

Science

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



This 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.

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

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

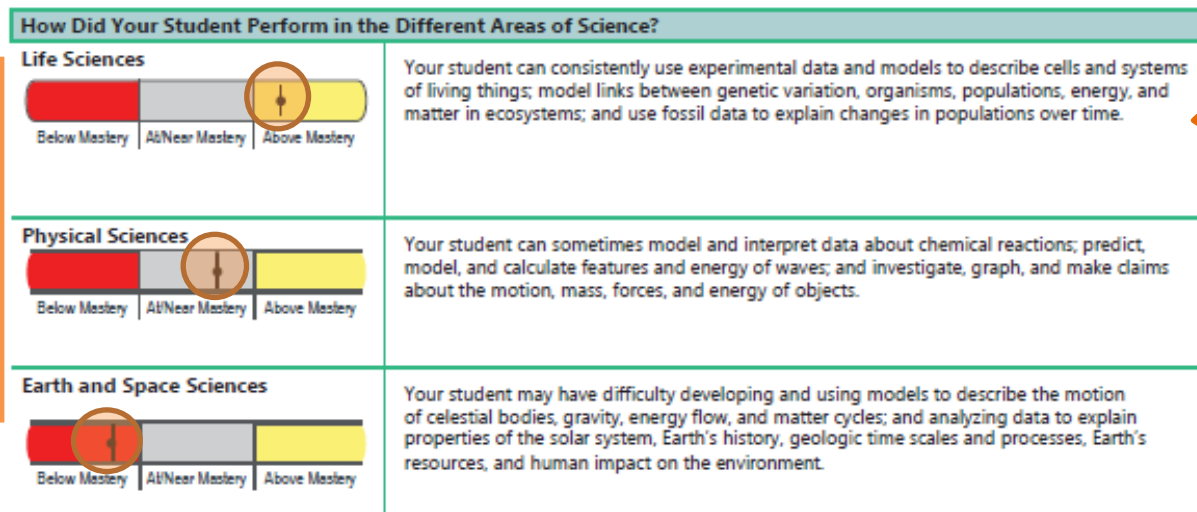
How Did Your Student Perform in the Different Areas of Science?

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.
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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 a particular domain is indicated by the placement of a bar and dot on the graph for that area of science (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 in that science domain. Because the expectations are grade-specific, the content described will be different for grades 5, 8, and 11.