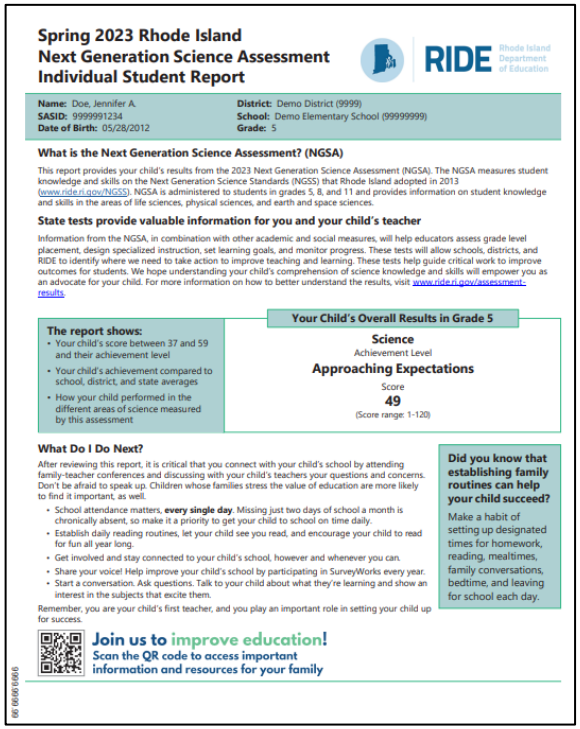
NGSA Individual Student Report (ISR) Guide

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 scale score and overall achievement level
- achievement comparison with the school/district/state
- domain performance level for each of the three science disciplines



Spring 2023 Rhode Island Next Generation Science Assessment Individual Student Report

RIDE Rhode Island Department of Education

Name: Doe, Jennifer A.
SASID: 9999991234
Date of Birth: 05/28/2012
District: Demo District (9999)
School: Demo Elementary School (99999999)
Grade: 5

What is the Next Generation Science Assessment? (NGSA)

This report provides your child's results from the 2023 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

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.

The report shows:
- Your child's score between 37 and 59 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 5

Science
Achievement Level
Approaching Expectations
Score
49
(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.
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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?

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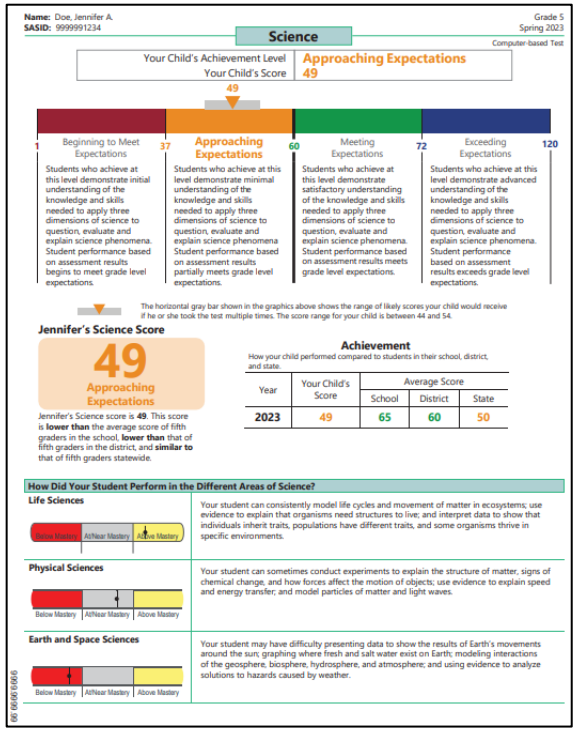
Join us to improve education!
Scan the QR code to access important information and resources for your family



Name: Doe, Jennifer A.
SASID: 9999991234
Grade 5
Spring 2023
Computer-based Test

Science

Your Child's Achievement Level: **Approaching Expectations**
Your Child's Score: **49**

1	37	60	72	120
Beginning to Meet Expectations	Approaching Expectations	Meeting Expectations	Exceeding 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.	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 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 44 and 54.

Jennifer's Science Score

49
Approaching Expectations

Jennifer's Science score is **49**. This score is **lower than** the average score of fifth graders in the school, **lower than** that of fifth graders in the district, and **similar to** that of fifth 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
2023	49	65	60	50

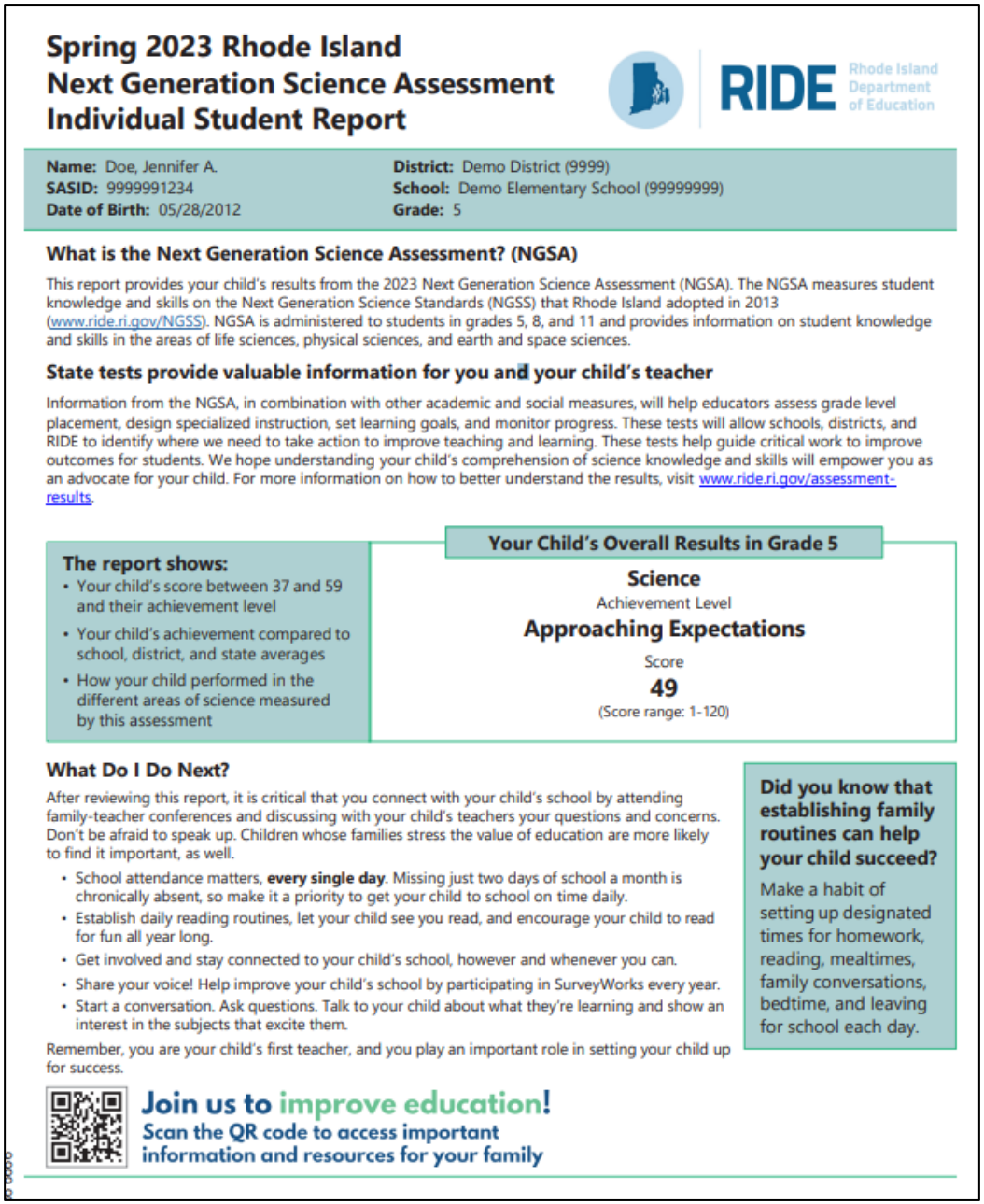
How Did Your Student Perform in the Different Areas of Science?

Life Sciences
Below Mastery | At/Near Mastery | Above Mastery
Your student can consistently model life cycles and movement of matter in ecosystems; use evidence to explain that organisms need structures to live; and interpret data to show that individuals inherit traits, populations have different traits, and some organisms thrive in specific environments.

Physical Sciences
Below Mastery | At/Near Mastery | Above Mastery
Your student can sometimes conduct experiments to explain the structure of matter, signs of chemical change, and how forces affect the motion of objects; use evidence to explain speed and energy transfer; and model particles of matter and light waves.

Earth and Space Sciences
Below Mastery | At/Near Mastery | Above Mastery
Your student may have difficulty presenting data to show the results of Earth's movements around the sun; graphing where fresh and salt water exist on Earth; modeling interactions of the geosphere, biosphere, hydrosphere, and atmosphere; and using evidence to analyze solutions to hazards caused by weather.

Grade 5 ISR example used throughout this guide for illustrative purposes.



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

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

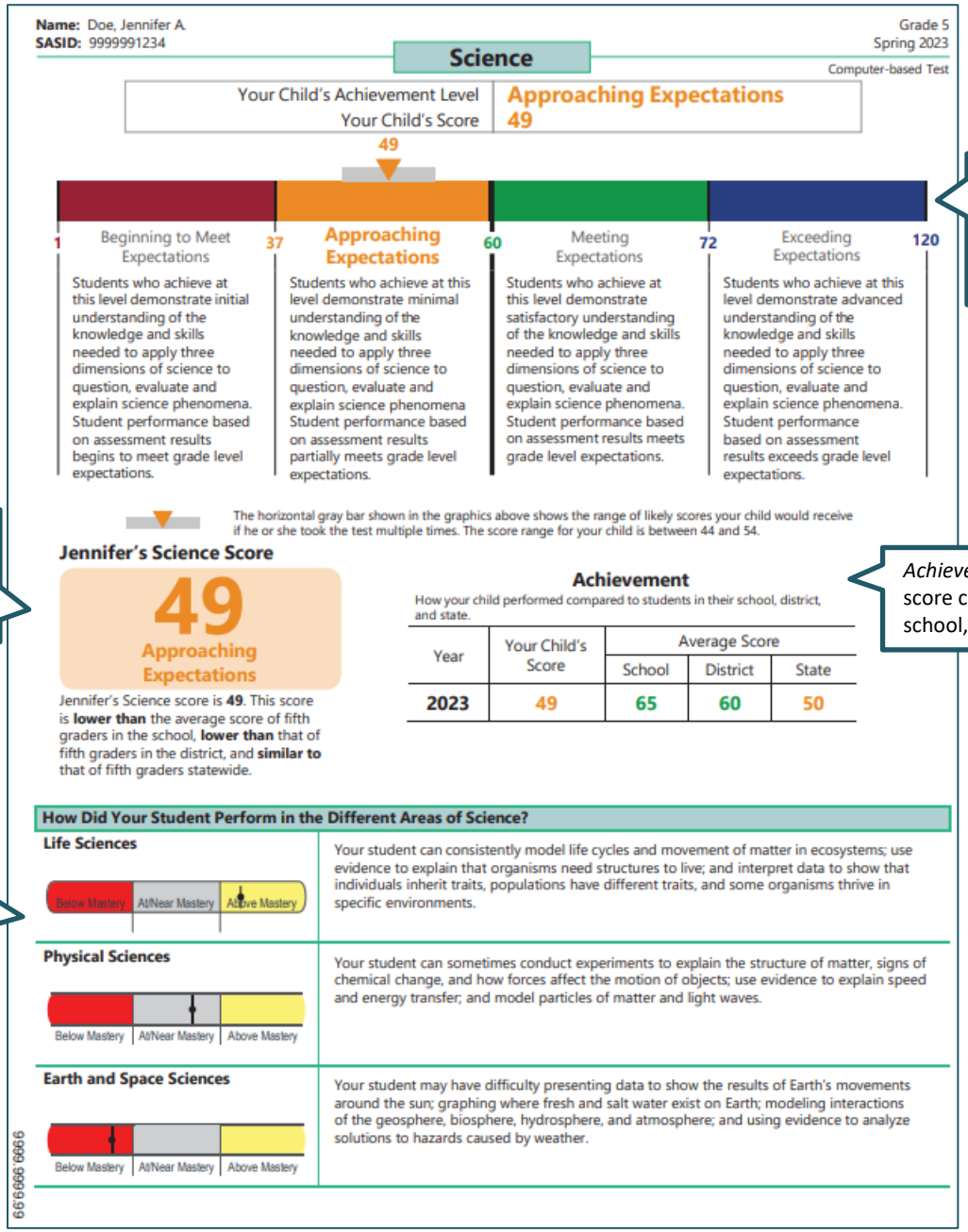
This section summarizes your child's overall score out of a possible 120, as well as the achievement level your child reached, which shows if your child is on-track with grade-level expectations.

Details about each of these are on the next page.

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.

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, Jennifer A.
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Grade 5
Spring 2023

Science

Computer-based Test

Your Child's Achievement Level: **Approaching Expectations**
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6666666666

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.

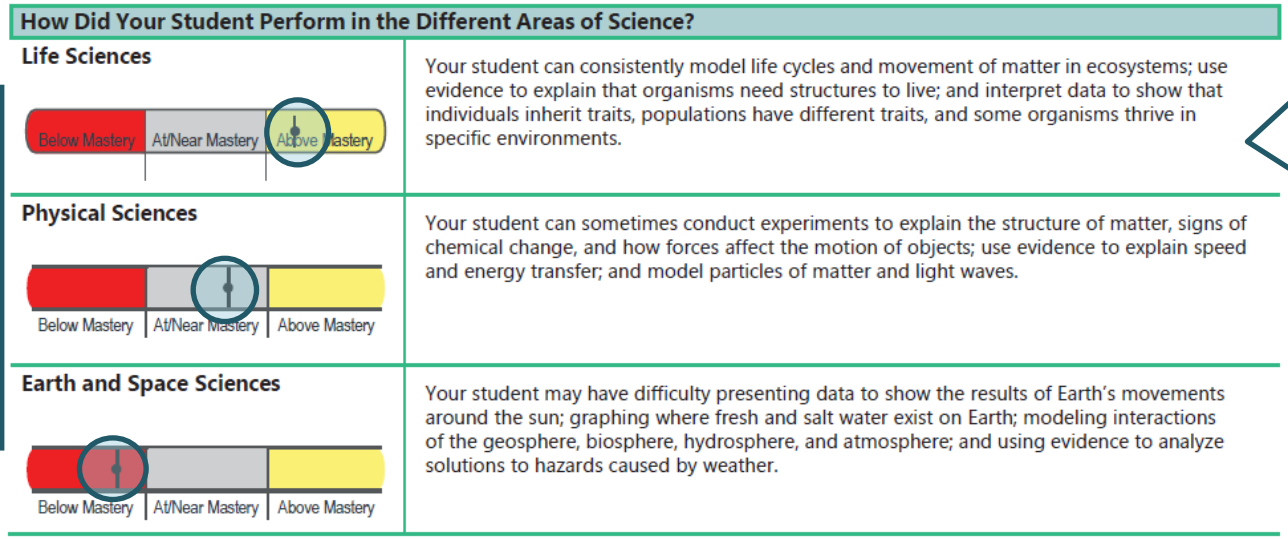
Domain Performance Level

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 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.