

**Doe, Jennifer**

Student ID: 99999999 | Student DOB: 12/12/2005 | Enrolled Grade: Grade 05  
Date Taken: 4/16/2021

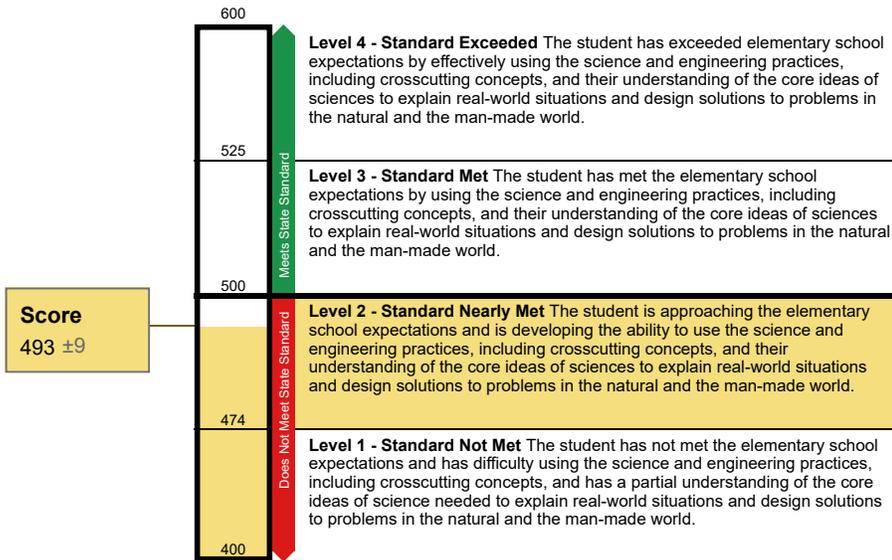
**Grade 5 HSA Science (NGSS) 2020-2021**

Training Complex Area - A  
Demo School Group 2  
Kula a'o Hawai'i

**Performance:** Level 2 - Standard Nearly Met

**Scale Score:** 493±9

**How Did Your Child Do on the Test?**



**How Does Your Child's Score Compare?**

Name	Average Scale Score
Hawaii Department of Education	490
Training Complex Area -A	489±1
Demo School Group 2	489±1
Kula a'o Hawai'i	495±2

**Information on Standard Error of Measurement**

A student's score is best interpreted when recognizing that the student's knowledge and skills fall within a score range and not just a precise number. For example, 2300 (±10) indicates a score range between 2290 and 2310.

**How Did Your Child Perform on Different Areas of the Test?**

The table and the graph below indicate student performance on individual reporting categories. The black dot indicates the student's score on each reporting category. The lines to the left and right of the dot show the range of likely scores your student would receive if he or she took the test multiple times.

Below Standard    
 At/Near Standard    
 Above Standard

Category	Performance	Performance Level	Performance level Description
Earth and Space Science			This domain includes: <ul style="list-style-type: none"> <li>Using data from patterns in shadows, daylight, and stars to explain Earth's movement in space;</li> <li>Investigating and modelling interactions among Earth's systems that cause weather, climate, landforms, and geologic events;</li> <li>Using evidence to describe interactions between human activities and Earth processes; and,</li> <li>Designing solutions to reduce the impact of Earth processes on humans.</li> </ul>
Life Science			This domain includes: <ul style="list-style-type: none"> <li>Using evidence to show that structures, systems and processes help organisms survive and reproduce;</li> <li>Using models to show the effects of matter flowing on an ecosystem;</li> <li>Using patterns to explain that traits are inherited and can be influenced by the environment;</li> <li>Using fossil data to explain how survival depends on traits and environment; and,</li> <li>Evaluating solutions to problems caused by environmental changes.</li> </ul>
Physical Science			This domain includes: <ul style="list-style-type: none"> <li>Using models to show that matter is made of particles and is conserved during changes;</li> <li>Using patterns to investigate changes in motion caused by forces;</li> <li>Investigating moving objects that transfer energy;</li> <li>Using models to show that waves cause objects to move and, in the case of light, to be seen; and,</li> <li>Designing devices that maximize energy conversion, use magnets, or transfer information.</li> </ul>



This report presents your child's performance on the Hawai'i State Science Assessment in the Spring of 2021. These assessments measure students' understanding of the Next Generation Science Standards (NGSS) which have been adopted by the Board of Education as Hawai'i's science content standards. Students in grades 5 and 8 took the Science (NGSS) Assessments, which provide you, your child, and your child's teachers with valuable information about their strengths and areas needing attention.

The NGSS were developed by states and guided by the National Research Council, the National Science Teachers Association, the American Association for the Advancement of Science, and Achieve. The standards reflect current research and best practices in science teaching and learning to prepare students to think critically, analyze information and solve complex problems — the skills needed to be scientifically literate and to pursue future opportunities.

The NGSS emphasizes three distinct, yet equally important dimensions that help students learn science — the fundamental scientific knowledge, the practices scientists and engineers use to explain the world or solve problems, and scientific thinking across disciplines.

You are encouraged to use this report to start a conversation you're your child's teacher about their progress in school.

## Hawai'i State Assessment Program

# Science

## Assessment Results

### What is in this report?

- Your child's overall score on the science assessment.
- Your child's score compared to other students who took the Hawai'i State Science Assessment.
- An indication of how well your child performed in different areas of science incorporating the science and engineering practices.

For more information  
about this assessment, go to  
[alohahsap.org](http://alohahsap.org)



For more information  
about the NGSS, go to  
<http://bit.ly/HIDOE-NGSS-2019>

### What is the purpose of the HSAP?

The Hawai'i Statewide Assessment Program (HSAP) is a statewide standardized testing program tied to the Hawai'i content standards, which define the knowledge and skills required for our children to succeed beyond high school. HSAP is designed to:

- help schools and complexes determine whether children are making progress on meeting standards; and
- help the state learn how schools are ensuring that children are meeting the standards

### What do the results of the HSAP Science Assessment mean, and how are they used?

The results summarize a student's abilities as they relate to the Next Generation Science Standards which were adopted by the Board of Education as Hawai'i's science content standards. The results are one of the many tools used by teachers to help identify each child's strengths and weaknesses so that they can focus their instruction to meet the specific needs of their students.

For help in understanding your child's scores and this report, contact your child's teacher or school principal.

