

Doe, Jennifer

Grade 8 HSA Science (NGSS) 2021-2022

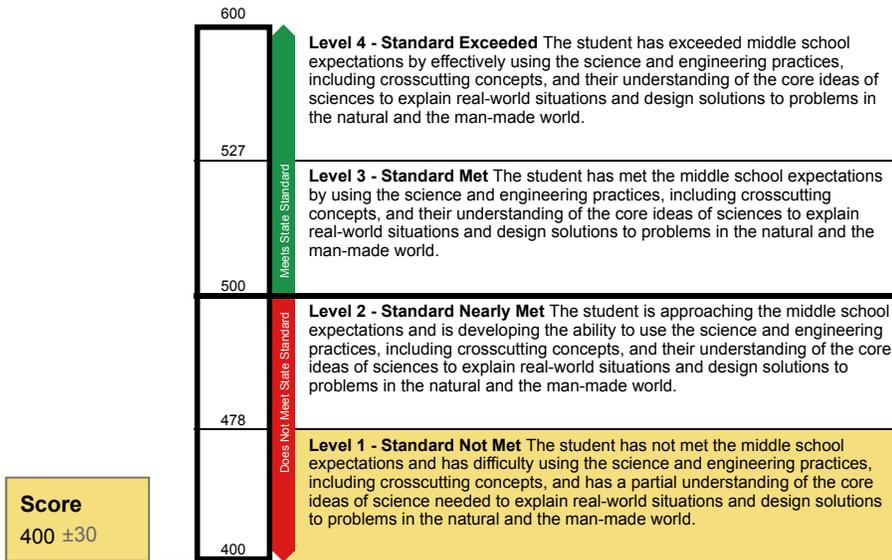
Student ID: 9999999999 | Student DOB: 2/23/2010 | Enrolled Grade: Grade 08
Date Taken: 12/8/2021

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

Scale Score: 400±30

Performance: Level 1 - Standard Not Met

How Did Your Child Do on the Test?



How Does Your Child's Score Compare?

Name	Average Scale Score
Training Complex Area - A	431±4
Demo School Group 2	430±5
Kula a'o Hawai'i	431±5

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"> Using evidence to model Earth and other objects as part of a universe with movements controlled by gravity; Using evidence from rock strata, fossils, and seafloor structures to explain Earth's history; Modelling the cycling of matter and energy and explaining changes in Earth's surface features and weather; Using evidence to describe how human activities are affected by Earth's resources; and Design solutions to problems caused by using resources.
Life Science			This domain includes: <ul style="list-style-type: none"> Using evidence to argue that organisms are systems of cells; Using patterns to model the flow of energy and matter in an ecosystem and how organisms use energy and matter to survive; Using models to understand how the structure and function of genes cause variations; Using patterns in fossil data to compare organisms and infer evolutionary relationships; and, Evaluating solutions that stabilize ecosystems.
Physical Science			This domain includes: <ul style="list-style-type: none"> Modelling how atoms are conserved during changes; Asking questions and investigating motion caused by contact and non-contact forces; Using data to model energy in systems; Describing kinetic and thermal energy transfers; Modelling how waves travel in patterns, transfer energy, and interact; and, Designing devices to optimize collisions, forces, and energy transfers.



This report presents your child's performance on the Hawai'i State Science Assessment in the Spring of 2022. 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



For more information
about the NGSS, go to
<http://bit.ly/NGSS-for-HI-Parents>

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.

