Doe, Jennifer

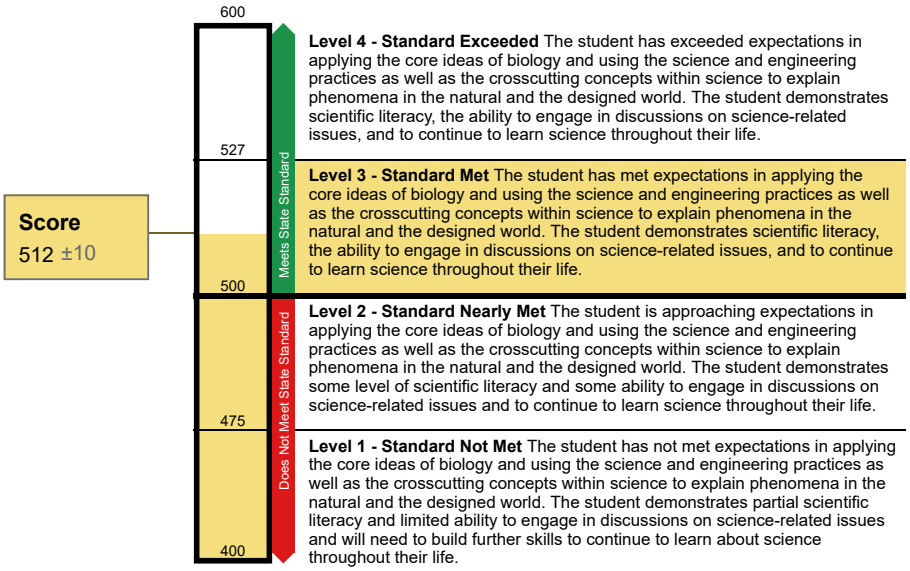
Student ID: 99999999 | Student DOB: 12/12/2005 | Enrolled Grade: Grade 10
Date Taken: 4/26/2021

Biology 1 EOC (NGSS) 2020-2021

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

Performance: Level 3 - Standard Met **Scale Score:** 512±10

How Did Your Child Do on the Test?



How Does Your Child's Score Compare?

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

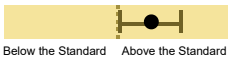
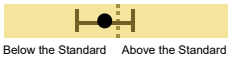
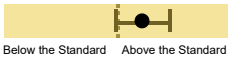
Information on Standard Error of Measurement

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
Ecosystems: Interactions, Energy and Dynamics		Above Standard	This domain includes: • Constructing explanations of the flow of energy and the cycling of matter through ecosystems and developing models to illustrate the cycling of carbon on Earth; • Investigating the role of biodiversity in ecosystems and using data to determine organisms' interactions with each other and their environment; and, • Designing, evaluating, and refining solutions for reducing the impacts of human activities on the environment.
From Molecules to Organisms: Structures and Processes		At/Near Standard	This domain includes: • Investigating the structure and function of cells as the basic units of life; • Using models to demonstrate systems within organisms which support life processes, and the role of specialized cells for maintenance and growth; and, • Evaluating data to construct an explanation for cellular respiration as a process that moves energy and matter through an organism.
Heredity and Evolution		At/Near Standard	This domain includes: • Using a model to illustrate the role of cellular division and differentiation in complex organisms; • Analyzing and explaining inheritance, the causes of gene mutation and gene expression; • Applying mathematics to predict and support the adaptations of a population including changes in the distribution of traits; and, • Obtaining information and evaluating factors causing natural selection and the process of evolution of species.

Hawai'i
Department of Education

Hawai'i State Assessment Program

End of Course Exam

Results

This report presents your child's performance on the Hawai'i State End-of-Course (EOC) Exam for Biology 1, Algebra 1 or Algebra 2. Hawai'i's EOC exams are administered during the last few weeks of the related courses. These assessments measure students' understanding of the state's adopted standards for the respective courses. These exams provides you, your child, and your child's teachers with valuable information about their strengths and areas needing attention.

The EOC exams for Algebra 1 and Algebra 2 are designed to measure students' understanding of Algebra 1 and Algebra 2 concepts aligned to the Hawai'i Common Core Standards. The Algebra 1 course includes emphasis on linear functions, system of equations/inequalities, and quadratic functions. The Algebra 2 course covers statistics and both linear and nonlinear functions. Topics covered include (but are not limited to) linear, exponential, quadratic, rational, polynomial, and absolute value functions.

The Biology EOC is based on the Next Generation Science Standards (NGSS) for the life sciences in high school. 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 your child's teacher about their progress in school.

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 these assessments, go to alohahsap.org

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

What is the purpose of the EOCs?

The EOCs are a component of the Hawai'i Statewide Assessment Program (HSAP). HSAP is a statewide standardized testing program tied to Hawaii's 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 Hawai'i's content standards in high school. 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.

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