



SCIENCE **EOC**
End-of-Course

Spring 2016



Parent Brochure

Science End-of-Course Assessments

The Science End-of-Course Assessments are a component of the Idaho Comprehensive Assessment System. Students are required to be tested once at the high school level in Science. Idaho has chosen to administer each spring the End-of-Course assessments that students take in either Biology or Chemistry. This multiple-choice test assesses what a student knows and is able to do related to the Idaho Science Core Standards. The questions are used to assess a variety of knowledge at different levels, from core knowledge to application, problem solving, and synthesis, and align directly to our science standards at the high school level.

Biology End-of-Course Assessment

The Biology End-of-Course Assessment has two reporting categories: 1. Nature of Science; Personal and Social Perspectives; and Technology; and 2. Life Sciences content.

Chemistry End-of-Course Assessment

The Chemistry End-of-Course Assessment has two reporting categories: 1. Nature of Science; Personal and Social Perspectives; and Technology; and 2. Physical Science content.

You can find out more detailed information regarding the Idaho Science Core Standards and Idaho's Comprehensive Assessment System at www.sde.idaho.gov.

STUDENT NAME : **Smith, Julie Ann**
DISTRICT : **IDAHO DISTRICT 999**
SCHOOL : **IDAHO HIGH SCHOOL 9999**

GRADE : **11**
BIRTH DATE : **99/99/9999**
EDUID – EDUCATION UNIQUE IDENTIFIER (STATE ID) : **999999999**

A

Julie's Overall Performance

B

Student's Scale Score	Student's Proficiency Level	Proficient Scale Score
Biology 212	Proficient	200

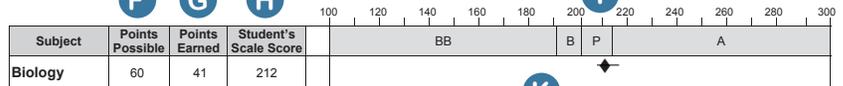
Julie's Performance by Content Standard
PROFICIENCY LEVELS AND PROBABLE SCALE SCORE RANGES
(BB = Below Basic, B = Basic, P = Proficient, A = Advanced)

F

G

H

I



Standard	Total Number of Questions	Student % Correct	District % Correct	State % Correct
1 Nature of Science; Personal and Social Perspectives; Technology	18	72.2	66.7	61.1
2 Biology	42	66.7	59.5	54.8

K

This report provides a record of Julie's test results on the EOC in biology.

C

Proficiency Levels

The EOC is designed to measure knowledge of state standards. Scores on these tests are grouped into four proficiency levels. The proficiency level chart shows the scale score ranges associated with each level.

D

Scale Score

A student's points earned (or raw score) has comparable meaning only for those students who take the exact same set of questions. A student's scale score is a transformed version of the raw score. It provides comparable meaning across years, but only within the same subject area and grade.

Skills Performance

Biology is composed of different standards. The chart on the right shows how Julie did on these standards.

Interpretation of Chart

For each subject, the chart displays where the proficient cut score lies within the possible scale score range. Scale scores are represented by the diamond (♦).

E

For example, Julie's scale score in biology is 212. Note that the diamond representing this score falls in the Proficient scale score range. If Julie were to take a similar test multiple times, the range of these scores would be expected to fall between 208 and 216 (as represented by the line) 68% of the time.

"Idaho's public schools are the foundation of Idaho's success."
C.L. "Butch" Otter, Governor

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Understanding the EOC Individual Student Report

- A** Displays the student's name, district, school, grade, date of birth, and state ID.
- B** Indicates the student's scale score and proficiency level in science. In order to be considered proficient, the student must score at or above the Proficient Scale Score which is displayed next to the Student's Scale Score and the Student's Proficiency Level.
- C** Describes the proficiency levels reported in section B. Scores on the EOC are grouped into four proficiency levels—Advanced, Proficient, Basic, and Below Basic. The skills necessary for a student to be proficient are described on the back of the EOC Individual Student Report, along with the range of scale scores associated with each level.
- D** Describes the scale scores reported in section B. The scale score earned by the student determines the student's proficiency level on the EOC. The points earned are converted into a scale score, which takes into consideration the fact that some questions on the test are more difficult than others.
- E** Explains how to read and interpret the graphic in section I.
- F** Lists the total points possible for the EOC.
- G** Lists the points earned by the student in the subject test. Points earned are not valid for comparisons across grades, subjects, and/or standards due to variation among tests. The same raw score on two tests usually results in two different scale scores depending on the number and difficulty of the questions.
- H** Lists the scale score equivalent for points earned.
- I** Shows the student's scale score represented by the ♦ and the probable score range represented by the line through the ♦.
- J** Lists the Performance Standard categories for each EOC.
- K** Lists the total number of questions for each standard along with the student, district, and state percentage correct.