



ISAT
Idaho Standards Achievement Tests

Spring 2016



Parent Brochure

Idaho Standards Achievement Tests (ISAT)-Science

The ISAT Science is a component of the Comprehensive Assessment Program as stated in rule 08.02.03.1511.004-Rules Governing Thoroughness (as found on the Idaho State Board of Education website at www.boardofed.idaho.gov). The ISAT Science is administered to students in grades 5 and 7 to provide ongoing monitoring of individual, school, district, and state progress.

Components of the ISAT Science

The ISAT Science is composed of questions that address standards, goals, and objectives for grades 5 and 7. The goals and objectives for each grade are grouped into five reporting categories: 1) Nature of Science, 2) Physical Science, 3) Biology, 4) Earth and Space Systems, and 5) Personal and Social Perspectives; Technology.

More detailed information regarding the Idaho content standards can be found at www.sde.idaho.gov.

STUDENT NAME : Adams, Jane Marie
DISTRICT : IDAHO DISTRICT 999
SCHOOL : IDAHO MIDDLE SCHOOL 9999

A

GRADE : 07
BIRTH DATE : 99/99/1999
EDUID — EDUCATION UNIQUE IDENTIFIER (STATE ID) : 999999999

Jane's Overall Performance

B

	Student's Scale Score	Student's Proficiency Level	Proficient Scale Score
Science	218	Proficient	213

This report provides a record of Jane's test results on the ISAT in science.

C

Proficiency Levels

The ISAT 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

Science is composed of different standards. The chart on the right shows how Jane 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, Jane's scale score in science is 218. Note that the diamond representing this score falls in the Proficient scale score range. If Jane were to take a similar test multiple times, the range of these scores would be expected to fall between 215 and 221 (as represented by the line) 68% of the time.

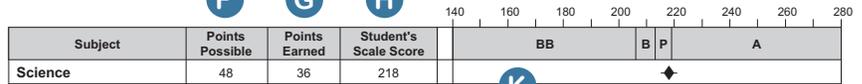
Jane's Performance by Content Standard
PROFICIENCY LEVELS AND PROBABLE SCALE SCORE RANGES
(BB = Below Basic, B = Basic, P = Proficient, A = Advanced)

F

G

H

I



Subject	Points Possible	Points Earned	Student's Scale Score	BB	B	P	A
Science	48	36	218			◆	

	Standard	Total Number of Questions	Student % Correct	District % Correct	State % Correct
1	Nature of Science	21	76.2	69.5	69.6
2	Physical Science	7	66.7	55.0	58.1
3	Biology	8	87.5	73.8	68.7
4	Earth and Space Systems	6	66.7	48.3	52.9
5	Personal and Social Perspectives; Technology	6	57.1	71.4	69.7

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

Understanding the 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 ISAT 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 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 ISAT. 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 Science test.
- G Lists the points earned by the student in the Science 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 Science test.
- K Lists the total number of questions for each standard along with the student, district, and state percentage correct.