PERFORMANCE PROFILE FOR SILAS FREDERICK
Iowa Assessments™

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TESTS — SCORES — NPR GRAPH

Tests	SS	NPR	GE	NS
Reading	207	31	5.3	4
Written Expression	216	41	5.9	5
Conventions of Writing	219	42	6.2	5
Vocabulary	240	69	7.9	6
ELA TOTAL	**217**	**40**	**6.0**	**4**
Mathematics	229	53	6.9	5
Computation	238	65	7.7	6
MATH TOTAL	**232**	**57**	**7.2**	**5**
CORE COMPOSITE	**224**	**46**	**6.5**	**5**
Social Studies	214	37	5.8	4
Science	217	40	6.0	4
COMPLETE COMPOSITE	**221**	**43**	**6.3**	**5**

NPR Graph scale: 1   25   50   75   99

➤◄ = National Percentile Rank with confidence band

INTERPRETING THE REPORT

In the upper part of this report, scores are printed for the tests, totals, and composites. Several types of scores are reported, including the NPR, which represents the percent of students in the same grade throughout the nation with a lower score.

The horizontal bands in the NPR Graph illustrate that each score can be thought of as falling within a range. Overlapping bands indicate results that are similar. Bands that do not overlap indicate results that are probably different.

The lower part of the report provides information about the skill domains measured by each test. It also summarizes data by the different levels of cognition required by the items in some tests. The number of items for each domain and cognitive level, the number attempted, the percent correct for the student, and the average percent correct for students in this grade throughout the nation are reported. The difference between the student's percent correct and the national percent correct is displayed as a horizontal bar.

Column 1

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Reading					
Informational	28	28	64	68	-4
Literary	16	16	56	75	-19
Domains					
Vocabulary	5	5	60	58	+2
Explicit Meaning	9	9	89	75	+14
Implicit Meaning	10	10	50	71	-21
Key Ideas	11	11	55	68	-13
Author's Craft	9	9	56	75	-19
Cognitive Levels					
Essential Competencies	9	9	89	71	+18
Conceptual Understanding	27	27	59	72	-13
Extended Reasoning	8	8	38	66	-28
Written Expression					
Domains					
Usage & Grammar	17	17	47	57	-10
Sentence Structure	6	6	100	74	+26
Planning & Organization	13	13	54	69	-15
Appropriate Expression	7	7	86	69	+17
Cognitive Levels					
Essential Competencies	21	21	57	59	-2
Conceptual Understanding	8	8	75	69	+6
Extended Reasoning	14	14	64	72	-8
Conventions of Writing					
Domains					
Spelling	32	32	59	64	-5
Capitalization	25	25	48	53	-5
Punctuation	25	25	48	53	-5
Vocabulary					
Domains					
Vocabulary	39	39	77	65	+12

Column 2

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Mathematics					
Domains					
Number Sense & Operations	18	18	72	69	+3
Alg. Patterns/Connections	11	11	73	67	+6
Data Analysis/Prob./Stats	10	10	70	57	+13
Geometry	13	13	31	59	-28
Measurement	13	13	77	60	+17
Cognitive Levels					
Essential Competencies	7	7	86	71	+15
Conceptual Understanding	52	52	63	62	+1
Extended Reasoning	6	6	50	64	-14
Computation					
Domains					
Compute with Whole Numbers	10	10	100	69	+31
Compute with Fractions	11	11	45	64	-19
Compute with Decimals	9	9	89	65	+24
Social Studies					
Domains					
History	12	12	50	65	-15
Geography	9	9	56	58	-2
Economics	8	8	25	56	-31
Civics & Government	10	10	80	66	+14
Cognitive Levels					
Essential Competencies	11	11	73	68	+5
Conceptual Understanding	17	17	53	58	-5
Extended Reasoning	11	11	36	62	-26
Science					
Domains					
Life Science	12	12	58	59	-1
Earth & Space Science	14	14	36	57	-21

Column 3

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Science (c)					
Domains (c)					
Physical Science	13	13	62	57	+5
Cognitive Levels					
Essential Competencies	14	14	43	53	-10
Conceptual Understanding	20	20	55	63	-8
Extended Reasoning	5	5	60	50	+10
Information Literacy					
Domains					
Acquiring Information	4	4	25	56	-31
Evaluating Information	5	5	20	67	-47
Using Information	6	6	50	66	-16

SS = Developmental Standard Score NPR = National Percentile Rank GE = Grade Equivalent NS = National Stanine

A plus sign (+) or a minus sign (-) in the difference graph indicates that the bar extends beyond +/- 20.

Numbers may not sum to 100% due to rounding. %C = Percent Correct No. Att = Number Attempted

Order#: 1262777