PERFORMANCE PROFILE FOR KYLE STROTTMANN
Iowa Assessments™

TESTS / SCORES / NPR GRAPH

TESTS	SS	NPR	GE	NS
Reading	255	66	9.3	6
Written Expression	217	34	6.0	4
Conventions of Writing	202	20	4.9	3
Vocabulary	239	51	7.8	5
ELA TOTAL	**230**	**41**	**7.0**	**5**
Mathematics	235	47	7.4	5
Computation	261	72	9.9	6
MATH TOTAL	**244**	**56**	**8.3**	**5**
CORE COMPOSITE	**237**	**47**	**7.5**	**5**
Social Studies	242	53	8.0	5
Science	250	60	8.8	6
COMPLETE COMPOSITE	**240**	**51**	**7.8**	**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.

Domains/Cognitive Levels — Column 1

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Reading					
Informational	29	29	76	67	+9
Literary	16	16	88	72	+16
Domains					
Vocabulary	5	5	80	68	+12
Explicit Meaning	10	10	80	70	+10
Implicit Meaning	11	11	73	64	+9
Key Ideas	9	9	89	71	+18
Author's Craft	10	10	80	69	+11
Cognitive Levels					
Essential Competencies	10	10	80	68	+12
Conceptual Understanding	28	28	79	70	+9
Extended Reasoning	7	7	86	64	+22
Written Expression					
Domains					
Usage & Grammar	14	14	57	52	+5
Sentence Structure	8	8	75	73	+2
Planning & Organization	13	13	46	65	-19
Appropriate Expression	10	10	40	63	-23
Cognitive Levels					
Essential Competencies	20	20	55	54	+1
Conceptual Understanding	10	10	60	71	-11
Extended Reasoning	15	15	47	67	-20
Conventions of Writing					
Domains					
Spelling	34	34	38	61	-23
Capitalization	27	27	33	53	-20
Punctuation	27	27	30	49	-19
Vocabulary					
Domains					
Vocabulary	41	41	59	59	0

Domains/Cognitive Levels — Column 2

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Mathematics					
Domains					
Number Sense & Operations	19	19	68	65	+3
Alg. Patterns/Connections	12	12	50	64	-14
Data Analysis/Prob./Stats	11	11	45	66	-21
Geometry	14	14	36	55	-19
Measurement	14	14	86	56	+30
Cognitive Levels					
Essential Competencies	6	6	67	62	+5
Conceptual Understanding	59	59	59	61	-2
Extended Reasoning	5	5	40	55	-15
Computation					
Domains					
Compute with Whole Numbers	8	8	75	65	+10
Compute with Fractions	12	12	83	59	+24
Compute with Decimals	11	11	73	59	+14
Social Studies					
Domains					
History	11	11	64	60	+4
Geography	10	10	60	63	-3
Economics	9	9	89	63	+26
Civics & Government	11	11	45	58	-13
Cognitive Levels					
Essential Competencies	11	11	73	65	+8
Conceptual Understanding	19	19	53	59	-6
Extended Reasoning	11	11	73	60	+13
Science					
Domains					
Life Science	14	14	79	65	+14
Earth & Space Science	14	14	64	55	+9

Domains/Cognitive Levels — Column 3

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.
Science (c)					
Domains (c)					
Physical Science	13	13	54	56	-2
Cognitive Levels					
Essential Competencies	12	12	58	61	-3
Conceptual Understanding	24	24	83	60	+23
Extended Reasoning	5	5	0	48	-48
Information Literacy					
Domains					
Acquiring Information	1	1	100	55	+45
Evaluating Information	5	5	60	67	-7
Using Information	9	9	89	62	+27

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

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