



# PERFORMANCE PROFILE FOR JOSHUA BACKER

## Iowa Assessments™

Class: EAST  
Building: 4 CANYON

System: Springdale Schools

State: ID

Student: Backer, Joshua  
Student ID:  
Form-Level: E-14  
Test Date: 03/2018  
Norms: 03/16 2011  
Grade: 8

### TESTS

### SCORES

### NPR GRAPH

### INTERPRETING THE REPORT

	SS	NPR	GE	NS	1	25	50	75	99
Reading	277	74	12.2	6					
Written Expression	315	86	13+	7					
Conventions of Writing	259	58	9.7	5					
Vocabulary	298	95	13+	8					
<b>ELA TOTAL</b>	<b>290</b>	<b>89</b>	<b>13+</b>	<b>8</b>					
Mathematics	280	76	12.8	6					
Computation	271	70	11.2	6					
<b>MATH TOTAL</b>	<b>277</b>	<b>76</b>	<b>12.2</b>	<b>6</b>					
<b>CORE COMPOSITE</b>	<b>284</b>	<b>82</b>	<b>13+</b>	<b>7</b>					
Social Studies	278	73	12.4	6					
Science	324	96	13+	9					
<b>COMPLETE COMPOSITE</b>	<b>289</b>	<b>84</b>	<b>13+</b>	<b>7</b>					

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.

■ = National Percentile Rank with confidence band

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.	Differences
						-20 0 +20
<b>Reading</b>						
Informational	35	35	83	66	+17	
Literary	11	11	91	74	+17	
<b>Domains</b>						
Vocabulary	4	4	75	67	+8	
Explicit Meaning	11	11	73	70	+3	
Implicit Meaning	9	9	100	65	+35	
Key Ideas	9	9	78	65	+13	
Author's Craft	13	13	92	69	+23	
<b>Cognitive Levels</b>						
Essential Competencies	10	10	70	70	0	
Conceptual Understanding	28	28	93	69	+24	
Extended Reasoning	8	8	75	59	+16	
<b>Written Expression</b>						
<b>Domains</b>						
Usage & Grammar	15	15	67	50	+17	
Sentence Structure	8	8	100	70	+30	
Planning & Organization	15	15	93	65	+28	
Appropriate Expression	10	10	90	67	+23	
<b>Cognitive Levels</b>						
Essential Competencies	23	23	74	55	+19	
Conceptual Understanding	10	10	100	69	+31	
Extended Reasoning	15	15	93	67	+26	
<b>Conventions of Writing</b>						
<b>Domains</b>						
Spelling	35	35	71	59	+12	
Capitalization	29	29	48	56	-8	
Punctuation	29	29	59	50	+9	
<b>Vocabulary</b>						
<b>Domains</b>						
Vocabulary	42	42	93	59	+34	

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.	Differences
						-20 0 +20
<b>Mathematics</b>						
<b>Domains</b>						
Number Sense & Operations	20	20	90	64	+26	
Alg. Patterns/Connections	13	13	85	64	+21	
Data Analysis/Prob./Stats	12	12	75	65	+10	
Geometry	15	15	60	53	+7	
Measurement	15	15	73	56	+17	
<b>Cognitive Levels</b>						
Essential Competencies	7	7	71	66	+5	
Conceptual Understanding	63	63	76	61	+15	
Extended Reasoning	5	5	100	50	+50	
<b>Computation</b>						
<b>Domains</b>						
Compute with Whole Numbers	3	3	100	83	+17	
Compute with Fractions	10	10	90	55	+35	
Compute with Decimals	14	14	57	63	-6	
Algebraic Manipulations	5	5	80	55	+25	
<b>Social Studies</b>						
<b>Domains</b>						
History	10	10	80	60	+20	
Geography	9	9	56	58	-2	
Economics	10	10	90	62	+28	
Civics & Government	14	14	79	61	+18	
<b>Cognitive Levels</b>						
Essential Competencies	16	16	75	60	+15	
Conceptual Understanding	16	16	81	60	+21	
Extended Reasoning	11	11	73	61	+12	
<b>Science</b>						
<b>Domains</b>						
Life Science	15	15	100	59	+41	

Domains/Cognitive Levels	Total Items	No. Att.	%C Std.	%C Nat.	Diff.	Differences
						-20 0 +20
<b>Science (c)</b>						
<b>Domains (c)</b>						
Earth & Space Science	13	13	85	53	+32	
Physical Science	15	15	73	57	+16	
<b>Cognitive Levels</b>						
Essential Competencies	17	17	82	56	+26	
Conceptual Understanding	21	21	86	59	+27	
Extended Reasoning	5	5	100	47	+53	
<b>Information Literacy</b>						
<b>Domains</b>						
Acquiring Information	2	2	100	53	+47	
Evaluating Information	4	4	75	69	+6	
Using Information	9	9	89	63	+26	

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