

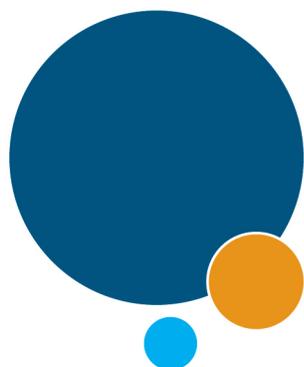
PSAT/NMSQT®

Preliminary SAT/National Merit Scholarship Qualifying Test

2014-15 SOAS

Summary of Answers and Skills Report

Wednesday Form: Eighth-Graders, Class of
Oregon State Public Schools



PSAT/NMSQT results for your students are enclosed. Use this information to adjust curricula and instructional practice to improve student learning.

Performance Overview

This report details the performance of 37 students from the 8th grade. This page provides an overview of your students' performance on the PSAT/NMSQT, allowing you to make general comparisons of your student population with the state and nation. The remainder of the report will assist you in analyzing your students' performance in much greater detail - use it to identify gaps in your local curriculum or to adapt instruction.

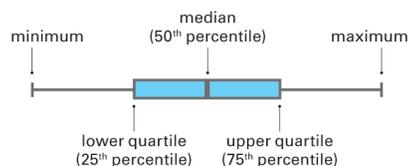
For each section of the test (critical reading, mathematics and writing skills), you will find the following:

- **Skill Analysis:** A summary of your students' performance on the college readiness skills tested on the PSAT/NMSQT.
- **Question Analysis:** A detailed analysis of your students' responses to each PSAT/NMSQT question.
- **Comparable Group Analysis:** A statistical comparison highlighting anomalies in your students' performance on each PSAT/NMSQT question.

37
8th GRADE STUDENTS
7
SCHOOLS

Score Distribution

The "boxplots" to the right show the distribution of test scores for your students, as well as for the state and nation. When interpreting these results, focus on typical scores (means and medians), variability in scores (standard deviations and lengths of boxes), and shapes of distributions (position of boxes relative to the median). Plots that have boxes that are off-center reveal that a greater proportion of students are high-scoring (the box to the right) or low-scoring (box appears to the left).



Note: The minimum and maximum exclude outliers.

Test Section	Group	Mean Score	Standard Deviation	Score Distribution
Critical Reading	Public	42.2	8.8	
	State*	42.3	8.7	
	Nation	40.1	8.4	
Mathematics	Public	44.0	7.5	
	State*	43.9	7.4	
	Nation	41.5	8.7	
Writing Skills	Public	38.7	10.0	
	State*	38.8	9.9	
	Nation	38.4	9.0	

* Note: "State" refers to all students in your state, including public and non-public schools for all pages in this report.

Critical Reading Skill Analysis

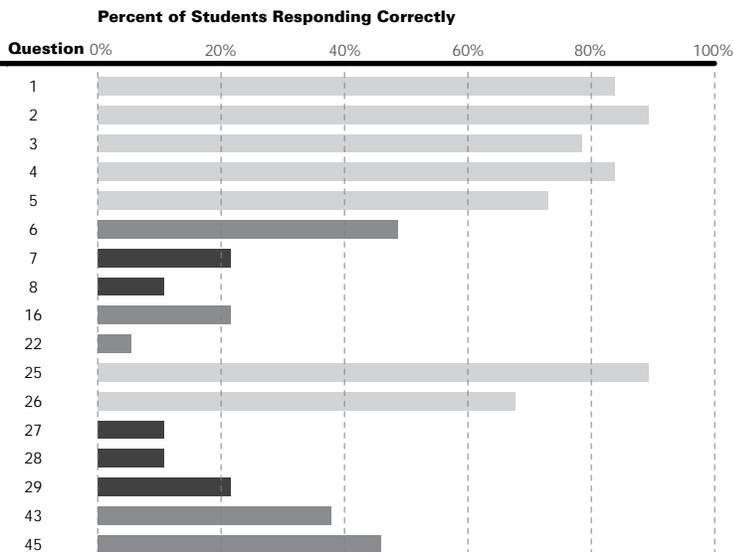
The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group	Difficulty
x Public	Easy (1-3)
G State	Medium (4-6)
F Nation	Hard (7-9)

Determining the Meaning of Words

Use vocabulary skills, context, roots, prefixes, and suffixes to determine the meaning of words.

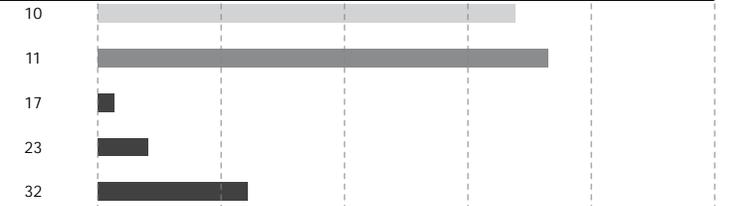
8.0 of 17 questions correct



Author's Craft

Understand how authors use tone, style and writing devices such as metaphor or symbolism.

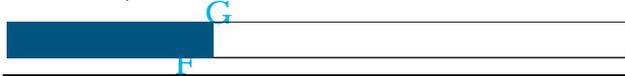
1.8 of 5 questions correct



Reasoning and Inference

Understand assumptions, suggestions and implications in reading passages and draw informed conclusions.

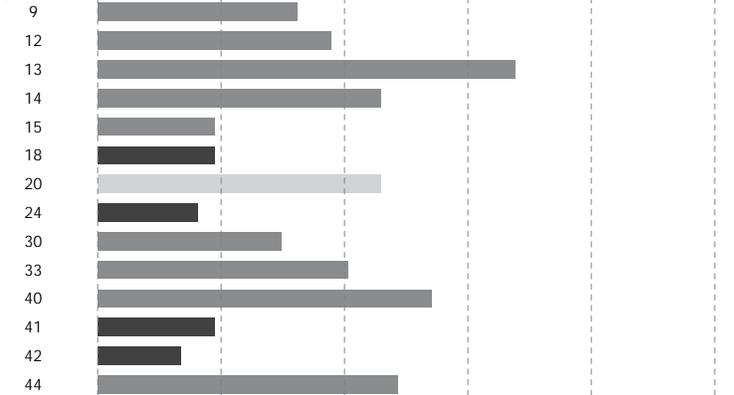
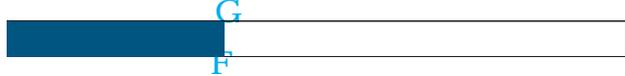
2.0 of 6 questions correct



Organization and Ideas

Understand the organization of a reading passage, and identify the main and supporting ideas.

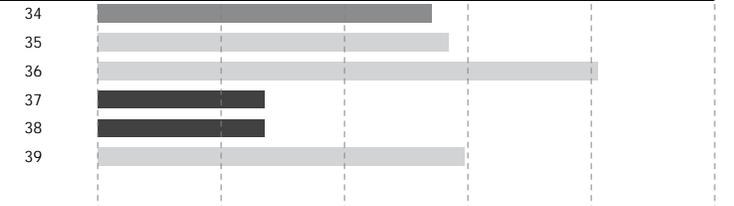
4.9 of 14 questions correct



Understanding Literary Elements

Understand literary elements such as plot, setting and characterization.

3.1 of 6 questions correct



Critical Reading Question Analysis

Question	Difficulty	Group	Answer Data (% and correct answer in bold)						Answer Distribution						
			A	B	C	D	E	omitted	Correct Answer	20%	40%	60%	80%		
Section 3	25	1	Public	0	8	89	0	0	3	C					
			State	0	8	90	0	0	3						
			Nation	1	6	89	3	0	0						
				3	8	11	3	68	8	E					
			State	3	8	11	3	68	8						
			Nation	6	23	6	2	62	1						
	27	7	Public	14	8	11	24	14	30	C					
			State	13	8	11	26	13	29						
			Nation	25	14	13	24	9	16						
	28	8	Public	16	19	11	8	14	32	C					
			State	16	21	11	8	13	32						
			Nation	23	20	12	9	16	21						
	29	9	Public	14	5	22	16	16	27	C					
			State	13	8	21	16	16	26						
			Nation	13	12	11	21	23	19						
	30	6	Public	11	30	11	30	5	14	B					
			State	11	32	11	29	5	13						
			Nation	18	31	13	22	9	7						
	31	5	Public	24	0	0	46	11	19	D					
			State	24	0	0	47	11	18						
			Nation	25	14	6	42	6	8						
	32	7	Public	11	19	22	24	3	22	D					
			State	11	21	21	24	3	21						
			Nation	13	19	19	26	10	12						
	33	5	Public	41	5	8	14	27	5	A					
			State	40	5	11	13	26	5						
			Nation	43	10	13	10	19	6						
	34	5	Public	54	11	5	3	8	19	A					
			State	55	11	5	3	8	18						
			Nation	46	15	6	12	12	10						
	35	3	Public	8	57	3	8	5	19	B					
			State	8	55	3	11	5	18						
			Nation	9	62	4	11	7	7						
	36	2	Public	3	3	81	0	5	8	C					
			State	3	3	82	0	5	8						
			Nation	9	5	70	6	4	6						
	37	7	Public	5	22	24	8	27	14	E					
			State	5	21	26	8	26	13						
			Nation	12	18	28	8	25	11						
	38	8	Public	16	27	16	3	8	30	B					
			State	16	29	16	3	8	29						
			Nation	11	18	19	21	11	20						
	39	2	Public	11	60	3	0	14	14	B					
			State	11	61	3	0	13	13						
			Nation	10	64	6	3	8	8						
	40	4	Public	5	8	54	8	3	22	C					
			State	5	8	55	8	3	21						
			Nation	4	14	48	6	10	17						
41	7	Public	11	11	27	8	19	24	E						
		State	11	11	29	8	18	24							
		Nation	17	8	26	9	17	24							
42	7	Public	8	14	14	22	5	38	B						
		State	8	13	16	21	5	37							
		Nation	9	16	21	13	12	29							
43	5	Public	8	5	3	16	38	30	E						
		State	11	5	3	16	37	29							
		Nation	22	4	13	12	28	22							
44	4	Public	0	3	49	3	11	35	C						
		State	0	3	50	3	11	34							
		Nation	8	5	42	4	12	29							
45	4	Public	46	3	3	0	8	41	A						
		State	47	3	3	0	8	40							
		Nation	41	7	6	3	10	32							
46	5	Public	8	0	38	3	11	41	C						
		State	8	0	40	3	11	40							
		Nation	9	6	25	5	16	39							
47	4	Public	38	5	5	3	5	43	A						
		State	37	5	8	3	5	42							
		Nation	28	6	17	5	3	41							
48	5	Public	5	19	5	8	8	54	B						
		State	5	21	5	8	8	53							
		Nation	8	24	6	11	6	45							

Critical Reading Comparable Group Analysis

What is a comparable group?

A comparable group is a statistically generated group that allows you to identify questions where your students' performance diverges from what might be expected based on their overall performance. It is a sample of students whose overall performance was similar to the performance of your student population. This group is compiled based on performance only, and does not account for attributes like student demographics, geographic region or school size.

How is this information useful?

Focusing on questions where your students' performance is significantly lower than the comparable group performance can reveal opportunities where you might realistically expect to improve student learning. Similarly, when your students' performance is significantly higher than the comparable group performance, you can identify strengths in your curriculum and instruction, and work to ensure that those strengths are recognized and maintained.

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group					
				-10%	-5%	0%	+5%	+10%	
1	2	84	79					}	
2	2	89	82					}	
3	3	78	77				}		
4	3	84	79				}		
5	3	73	78		}				
6	4	49	50		}				
7	7	22	20		}				
8	8	11	9		}				
9	6	32	37		}				
10	3	68	75	}					
11	4	73	59					}	
12	6	38	38		}				
13	4	68	69		}				
14	4	46	51		}				
15	6	19	32	}					
16	6	22	34	}					
17	8	3	17	}					
18	8	19	19		}				
19	5	35	38		}				
20	3	46	50		}				
21	6	24	26		}				
22	5	5	31	W-26%					
23	7	8	16	}					
24	8	16	14		}				

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group					
				-10%	-5%	0%	+5%	+10%	
25	1	89	89				}		
26	2	68	72		}				
27	7	11	17		}				
28	8	11	14		}				
29	9	22	14					}	
30	6	30	34		}				
31	5	46	44				}		
32	7	24	28		}				
33	5	41	45		}				
34	5	54	48				}		
35	3	57	66	}					
36	2	81	73					}	
37	7	27	27			}			
38	8	27	22					}	
39	2	60	68	}					
40	4	54	55		}				
41	7	19	21			}			
42	7	14	21		}				
43	5	38	33					}	
44	4	49	48				}		
45	4	46	48			}			
46	5	38	33				}		
47	4	38	34				}		
48	5	19	32	}					

Your students performed **significantly worse** on questions that fall in the dark blue column to the left, and **significantly better** on questions that fall in the light blue column to the right.

Mathematics Skill Analysis

The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group		Difficulty	
X	Public	■	Easy (1-3)
G	State	■	Medium (4-6)
F	Nation	■	Hard (7-9)

Number and Operations

Understand types of numbers (integers, fractions, decimals), their properties, and the correct order of operations (multiplication, division, addition).

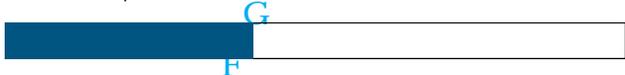
3.6 of 8 questions correct



Algebra and Functions

Solve problems using algebraic expressions and symbols to represent relationships, patterns, and functions of different types.

5.6 of 14 questions correct



Geometry and Measurement

Solve problems based on understanding the properties of shapes, such as triangles and circles, and the spatial relationships between angles and lines.

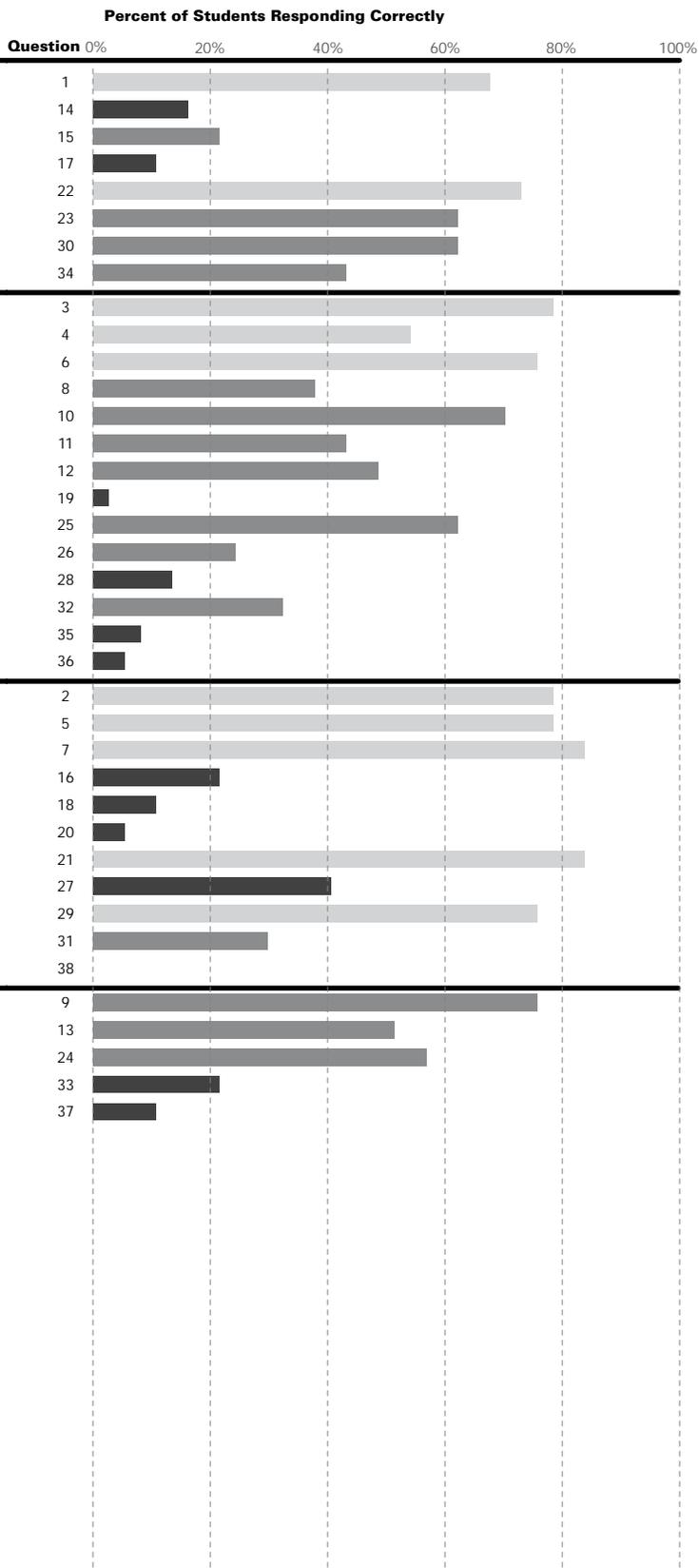
5.1 of 11 questions correct



Data, Statistics, and Probability

Analyze data, understand descriptive statistics, make inferences and determine the likelihood that certain events will occur.

2.2 of 5 questions correct



Mathematics Skill Analysis

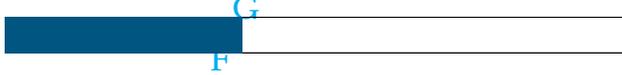
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Group	Difficulty
x Public	 Easy (1-3)
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Problem Solving

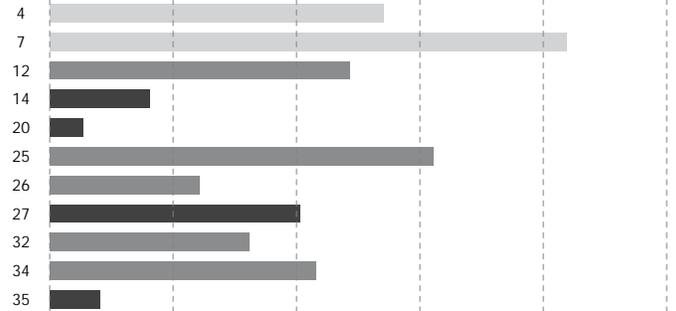
Solve abstract and practical problems, applying and adapting a variety of strategies. Monitor progress and evaluate answers in terms of questions asked.

4.2 of 11 questions correct



Percent of Students Responding Correctly

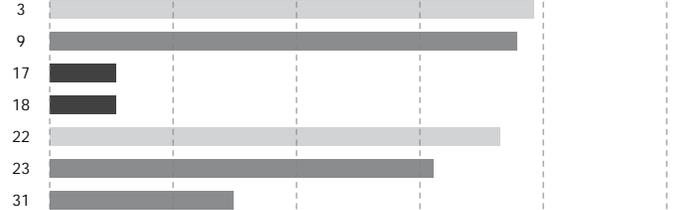
Question 0% 20% 40% 60% 80% 100%



Representation

Use and translate among representations including verbal, numerical, symbolic, and graphical to communicate mathematical ideas and solve problems.

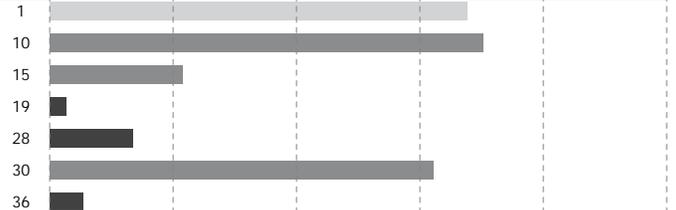
3.4 of 7 questions correct



Reasoning

Develop and use mathematical arguments and proofs to explore the truth of conjectures and justify conclusions.

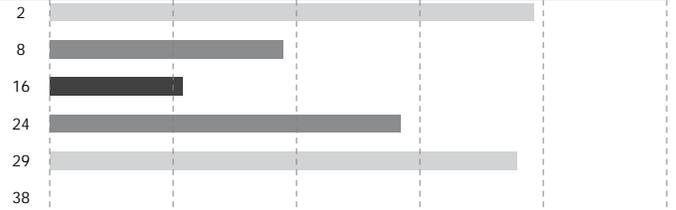
2.4 of 7 questions correct



Connections

Connect ideas from different areas of mathematics (particularly geometry and algebra) to state or solve abstract or applied problems.

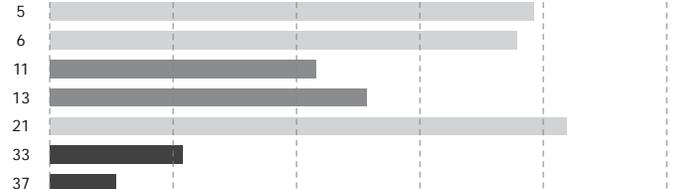
2.7 of 6 questions correct



Communication

Express mathematical ideas precisely and communicate them coherently and clearly in the language and notation of mathematics.

3.6 of 7 questions correct



Mathematics Comparable Group Analysis

What is a comparable group?

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Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group					
				-10%	-5%	0%	+5%	+10%	
1	3	68	78	}					
2	1	78	84	}					
3	3	78	80	}		}			
4	2	54	72	W-18%					
5	3	78	71	}			}		
6	2	76	75	}			}		
7	3	84	78	}			}		
8	5	38	45	}					
9	4	76	59					+17% X	
10	5	70	51					+19% X	
11	4	43	63	W-20%					
12	5	49	42	}			}		
13	5	51	47	}		}			
14	7	16	20	}			}		
15	6	22	31	}					
16	7	22	25	}					
17	8	11	14	}		}			
18	7	11	16	}		}			
19	9	3	8	}		}			
20	8	5	12	}		}			

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group					
				-10%	-5%	0%	+5%	+10%	
21	2	84	81	}			}		
22	3	73	67	}			}		
23	4	62	58	}			}		
24	5	57	52	}			}		
25	4	62	59	}			}		
26	5	24	40	W-16%			}		
27	7	41	32	}			}		
28	8	14	23	}			}		
29	3	76	68	}			}		
30	4	62	59	}			}		
31	5	30	52	W-22%			}		
32	5	32	34	}		}			
33	7	22	10	}			}		
34	6	43	42	}		}			
35	7	8	17	}			}		
36	7	5	9	}		}			
37	8	11	7	}		}			
38	9	0	4	}		}			

Your students performed **significantly worse** on questions that fall in the dark blue column to the left, and **significantly better** on questions that fall in the light blue column to the right.

Writing Skills Skill Analysis

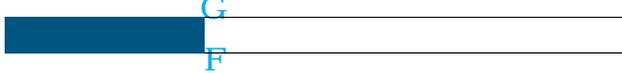
The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group	Difficulty
X Public	Easy (1-3)
G State	Medium (4-6)
F Nation	Hard (7-9)

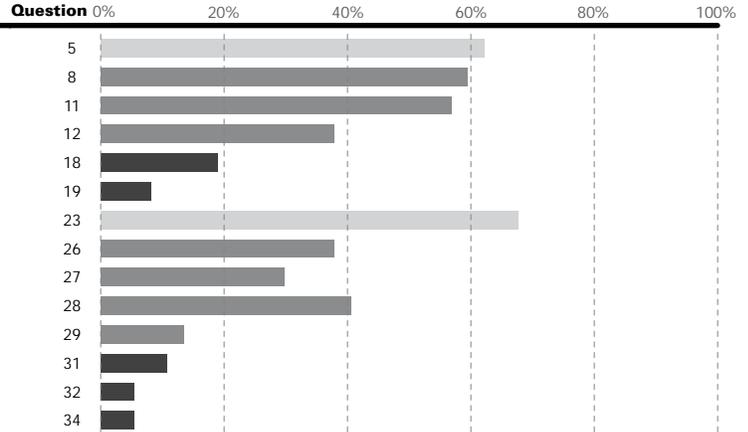
Manage Word Choice and Grammatical Relationships Between Words

Understand relationships between and among words including subject-verb agreement, pronouns, and verb form and tense.

4.5 of 14 questions correct



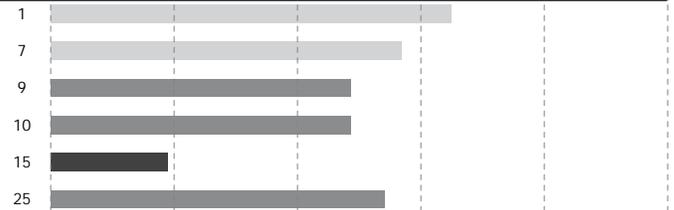
Percent of Students Responding Correctly



Manage Grammatical Structures Used to Modify or Compare

Understand correct use of adjectives, adverbs, comparative structures (neither/nor), and phrases used to modify or compare.

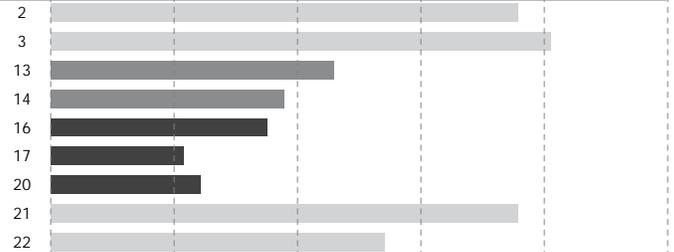
2.9 of 6 questions correct



Manage Phrases and Clauses in a sentence

Use sentence structures (parallelism, connectives & relative clauses) to indicate relationships between & among sentence elements.

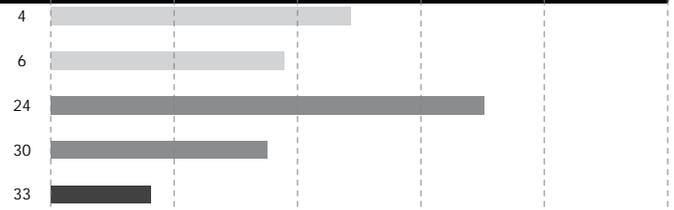
4.5 of 9 questions correct



Recognize Correctly Formed Sentences

Recognize correct sentence structure.

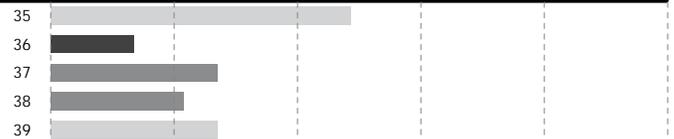
2.1 of 5 questions correct



Manage Order and Relationships of Sentences and Paragraphs

Identify how to order the elements of a sentence or paragraph to improve clarity, meaning, and the progression of ideas.

1.4 of 5 questions correct



Writing Skills Question Analysis

This section shows the distribution of correct and incorrect answers for your students, state and nation.

Question	Difficulty	Group	Answer Data (% and correct answer in bold)						Answer Distribution					
			A	B	C	D	E	omitted	Correct Answer	20%	40%	60%	80%	
Section 5	1	2	Public	5	14	65	3	14	0	C	A B D E			
	State	5	13	66	3	13	0	C	A B D E					
	Nation	6	14	58	10	12	0							
	2	2	Public	5	3	76	3	11	3	C	A B D E			
	State	5	3	76	3	11	3	C	A B D E					
	Nation	15	8	70	4	4	0							
	3	2	Public	0	81	3	3	11	3	B	C D E			
	State	0	82	3	3	11	3	B	C D E					
	Nation	6	67	9	7	9	1							
	4	3	Public	49	8	8	27	5	3	A	B C D E			
	State	50	8	8	26	5	3	A	B C D E					
	Nation	48	12	8	29	4	1							
	5	3	Public	3	5	11	16	62	3	E	A B C D			
	State	3	5	11	16	63	3	E	A B C D					
	Nation	2	5	9	23	61	1							
	6	3	Public	38	14	19	11	14	5	A	B C D E			
	State	37	16	18	11	13	5	A	B C D E					
	Nation	48	8	20	8	14	3							
	7	3	Public	14	22	57	5	0	3	C	A B D			
	State	13	21	58	5	0	3	C	A B D					
Nation	13	13	62	7	2	2								
8	4	Public	3	22	60	5	5	5	C	A B D E				
State	3	21	61	5	5	5	C	A B D E						
Nation	8	26	54	7	3	2								
9	5	Public	5	8	32	49	3	3	D	A B C E				
State	5	8	32	50	3	3	D	A B C E						
Nation	12	10	21	48	7	2								
10	5	Public	11	27	5	49	3	5	D	A B C E				
State	11	29	5	47	3	5	D	A B C E						
Nation	6	28	7	55	3	1								
11	5	Public	11	16	5	5	57	5	E	A B C D				
State	11	16	5	5	58	5	E	A B C D						
Nation	9	20	8	17	46	1								
12	5	Public	22	16	38	11	11	3	C	A B D E				
State	21	18	37	11	11	3	C	A B D E						
Nation	18	22	36	9	13	3								
13	6	Public	22	8	16	5	46	3	E	A B C D				
State	21	8	16	5	47	3	E	A B C D						
Nation	22	9	23	5	38	3								
14	6	Public	0	30	24	38	5	3	D	B C E				
State	0	32	24	37	5	3	D	B C E						
Nation	3	22	13	42	18	2								
15	7	Public	32	3	30	14	19	3	E	A B C D				
State	32	3	29	13	21	3	E	A B C D						
Nation	24	11	34	8	20	3								
16	7	Public	24	5	11	19	35	5	E	A B C D				
State	26	5	11	18	34	5	E	A B C D						
Nation	27	13	11	19	27	4								
17	8	Public	11	0	19	41	22	8	E	A C D				
State	11	0	21	40	21	8	E	A C D						
Nation	8	5	17	44	23	4								
18	8	Public	16	32	22	5	19	5	E	A B C D				
State	16	34	21	5	18	5	E	A B C D						
Nation	8	38	19	13	19	4								
19	8	Public	38	16	8	11	22	5	C	A B D E				
State	40	16	8	11	21	5	C	A B D E						
Nation	45	13	10	6	23	4								
20	8	Public	5	5	46	11	24	8	E	A B C D				
State	5	5	47	11	24	8	E	A B C D						
Nation	10	6	55	9	16	4								

Writing Skills Question Analysis

Question	Difficulty	Group	Answer Data (% and correct answer in bold)						Answer Distribution					
			A	B	C	D	E	omitted	Correct Answer	20%	40%	60%	80%	
Section 5	21	1 Public State Nation	3	3	76	0	14	5	C					A B E
			3	3	76	0	13	5						
			4	2	70	2	19	4						
	22	2 Public State Nation	54	0	3	0	38	5	A					C E
			55	0	3	0	37	5						
			60	3	4	1	27	5						
	23	3 Public State Nation	14	68	3	0	11	5	B					A C E
			13	66	3	0	13	5						
			12	67	2	2	12	6						
	24	4 Public State Nation	0	0	5	8	70	16	E					C D
			0	0	5	8	71	16						
			7	5	6	3	72	8						
	25	4 Public State Nation	3	0	54	3	30	11	C					A D E
			3	0	55	3	29	11						
			6	3	52	3	29	7						
	26	4 Public State Nation	0	38	0	3	41	19	B					D E
			0	40	0	3	40	18						
			5	46	3	2	35	9						
	27	4 Public State Nation	11	30	0	0	49	11	B					A E
			11	32	0	0	47	11						
			10	43	4	5	29	10						
	28	5 Public State Nation	0	41	5	19	14	22	B					C D E
			0	40	5	18	16	21						
			3	39	4	28	17	10						
	29	6 Public State Nation	14	0	5	3	57	22	A					C D E
			13	3	5	3	55	21						
			20	3	4	6	56	12						
	30	6 Public State Nation	3	24	8	5	35	24	E					A B C D
			3	24	11	5	34	24						
			12	12	19	3	38	16						
	31	8 Public State Nation	22	3	8	11	35	22	D					A B C E
			21	3	8	11	37	21						
			25	4	3	18	35	15						
	32	9 Public State Nation	5	14	5	0	46	30	C A B E					
			5	13	8	0	45	29						
			12	14	5	5	48	16						
	33	9 Public State Nation	16	24	5	0	16	38	E					A B C
			16	26	5	0	16	37						
			22	38	7	2	14	18						
34	9 Public State Nation	5	11	3	8	41	32	A B C D E						
		5	11	3	11	40	32							
		7	12	4	8	51	18							
35	2 Public State Nation	3	8	3	49	0	38	D					A B C	
		3	8	3	50	0	37							
		9	6	5	56	3	21							
36	7 Public State Nation	11	19	8	14	8	41	D					A B C E	
		11	18	8	16	8	40							
		10	19	10	23	11	27							
37	4 Public State Nation	16	27	11	5	0	41	B					A C D	
		18	26	11	5	0	40							
		16	41	8	4	3	28							
38	5 Public State Nation	14	24	0	22	0	41	D					A B	
		13	24	0	24	0	40							
		16	17	4	31	4	29							
39	3 Public State Nation	14	0	27	3	11	46	C					A D E	
		13	0	29	3	11	45							
		9	6	35	10	8	33							

Writing Skills Comparable Group Analysis

What is a comparable group?

A comparable group is a statistically generated group that allows you to identify questions where your students' performance diverges from what might be expected based on their overall performance. It is a sample of students whose overall performance was similar to the performance of your student population. This group is compiled based on performance only, and does not account for attributes like student demographics, geographic region or school size.

How is this information useful?

Focusing on questions where your students' performance is significantly lower than the comparable group performance can reveal opportunities where you might realistically expect to improve student learning. Similarly, when your students' performance is significantly higher than the comparable group performance, you can identify strengths in your curriculum and instruction, and work to ensure that those strengths are recognized and maintained.

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
1	2	65	56					}
2	2	76	69					}
3	2	81	67					}
4	3	49	47			}		
5	3	62	56			}		
6	3	38	49	}				
7	3	57	61		}			
8	4	60	54			}		
9	5	49	45			}		
10	5	49	51		}			
11	5	57	45					}
12	5	38	33			}		
13	6	46	38			}		
14	6	38	38			}		
15	7	19	20		}			
16	7	35	26			}		
17	8	22	22		}			
18	8	19	19		}			
19	8	8	13	}				
20	8	24	16			}		

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
21	1	76	70					}
22	2	54	61	}				
23	3	68	62					}
24	4	70	69			}		
25	4	54	52			}		
26	4	38	49	}				
27	4	30	48	W-18%				
28	5	41	39			}		
29	6	14	25	}				
30	6	35	39		}			
31	8	11	20	}				
32	9	5	9		}			
33	9	16	14			}		
34	9	5	9			}		
35	2	49	55		}			
36	7	14	25	}				
37	4	27	43	W-16%				
38	5	22	34	}				
39	3	27	40	}				

Your students performed **significantly worse** on questions that fall in the dark blue column to the left, and **significantly better** on questions that fall in the light blue column to the right.

Appendix Listing of Schools

This report includes data from the schools below, and is based on the school list that was provided by your state.

Note: Only schools that administered Wednesday form of the 2014 PSAT/NMSQT are included. Data for students at these schools who did not take the Wednesday form of the PSAT/NMSQT is not included in this report.

ACADEMY FOR CHARACTER EDUCATION
DAVID DOUGLAS HIGH SCHOOL
HEPPNER HIGH SCHOOL
MCMINNVILLE SENIOR HIGH SCHOOL
REDMOND PROFICIENCY ACADEMY
SAND RIDGE CHARTER SCHOOL
WEST SALEM HIGH SCHOOL