## NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION IN TRACE Reports

### Pre-Formatted Reports: Benchmark Test Item Analysis - New **Format**

#### **Data Selections**

Institution(s): All School Types, All Schools

Benchmark Administration: 09/03/14, 2014-2015 Baseline ELA Grade 4

Trend Profile: 2014-2015

Subject: English Language and Literature

Test Focus: ELA

Test Level: All Benchmark Test Levels Test Category: District Benchmark Grade: All Grade Levels Enrollment: Total for 2014-2015

Number of questions: 36

Number of test-taking students: 1460

#### **Student Responses**

Question - Type         Rate         Value         Total Rate         Rate         Value         Value         Possible*         Mean         on           1 - Multiple Choice         76%         D         24%         10%         C         1         1109 / 1460         0.75         0.39           2 - Multiple Choice         64%         B         36%         13%         A         1         929 / 1460         0.63         0.50           3 - Multiple Choice         86%         A         14%         6%         C         1         1261 / 1460         0.85         0.38           4 - Multiple Choice         73%         C         27%         16%         A         1         1063 / 1460         0.72         0.43           5 - Multiple Choice         74%         C         26%         12%         B         1         1085 / 1460         0.73         0.48           6 - Multiple Choice         53%         A         47%         38%         D         1         781 / 1460         0.50         0.50           8 - Multiple Choice         55%         C         35%         16%         D         1         955 / 1460         0.65         0.42           9 - Multiple Choice <th></th> <th>Correct</th> <th colspan="2">Correct</th> <th colspan="2">Most Common Mistake</th> <th></th> <th>Points</th> <th>P- Value/</th> <th></th>		Correct	Correct		Most Common Mistake			Points	P- Value/	
2 - Multiple Choice 64% B 36% 13% A 1 929 / 1460 0.63 0.50 3 - Multiple Choice 86% A 14% 6% C 1 1261 / 1460 0.72 0.85 1.460 1.460 0.72 0.73 0.73 0.73 0.74 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	Question - Type	Rate	Value	Total Rate	Rate	Value	Point Value	Achieved / Possible	Item Mean	Discriminati on
3 - Multiple Choice  86%  A  14%  6%  C  1  1261 / 1460  0.85  0.38  4 - Multiple Choice  73%  C  27%  16%  A  1  1063 / 1460  0.72  0.43  5 - Multiple Choice  74%  C  26%  12%  B  1  1085 / 1460  0.73  0.48  6 - Multiple Choice  53%  A  47%  38%  D  1  781 / 1460  0.53  0.47  7 - Multiple Choice  51%  D  49%  34%  A  1  742 / 1460  0.50  0.50  8 - Multiple Choice  65%  C  35%  B  10%  D  1  1153 / 0.78  0.78  0.42  9 - Multiple Choice  82%  B  18%  6%  C  1  1198 / 1460  0.48  11 - Multiple Choice  46%  C  54%  31%  D  1  668 / 1460  0.45  0.46  12 - Multiple Choice  46%  C  54%  31%  D  1  668 / 1460  0.45  0.46  12 - Multiple Choice  49%  A  51%  30%  D  1  719 / 1460  0.49  0.31  3 - Multiple Choice  60%  B  40%  26%  A  1  881 / 1460  0.60  0.53  14 - Multiple Choice  52%  D  48%  27%  A  1  765 / 1460  0.51  0.44  15 - Multiple Choice  74%  D  26%  A  1  1081 / 0.73  0.56	1 - Multiple Choice	76%	D	24%	10%	С	1		0.75	0.39
4 - Multiple Choice 73% C 27% 16% A 1 1063 / 1460 0.72 0.43  5 - Multiple Choice 74% C 26% 12% B 1 1085 / 1460 0.53 0.48  6 - Multiple Choice 53% A 47% 38% D 1 781 / 1460 0.53 0.47  7 - Multiple Choice 51% D 49% 34% A 1 742 / 1460 0.50 0.50  8 - Multiple Choice 65% C 35% 16% D 1 955 / 1460 0.65 0.42  9 - Multiple Choice 79% B 21% 10% D 1 1153 / 1460 0.57  10 - Multiple Choice 82% B 18% 6% C 1 1198 / 0.80 0.48  11 - Multiple Choice 46% C 54% 31% D 1 668 / 1460 0.45 0.46  12 - Multiple Choice 49% A 51% 30% D 1 719 / 1460 0.49 0.31  13 - Multiple Choice 60% B 40% 26% A 1 881 / 1460 0.60 0.53  14 - Multiple Choice 52% D 48% 27% A 1 765 / 1460 0.51 0.44  15 - Multiple Choice 67% B 33% 19% C 1 979 / 1460 0.66 0.44  16 - Multiple Choice 74% D 26% 12% A 1 1081 / 0.73 0.56	2 - Multiple Choice	64%	В	36%	13%	A	1	929 / 1460	0.63	0.50
5 - Multiple Choice       74%       C       26%       12%       B       1       1085 / 1460       0.73       0.48         6 - Multiple Choice       53%       A       47%       38%       D       1       781 / 1460       0.53       0.47         7 - Multiple Choice       51%       D       49%       34%       A       1       742 / 1460       0.50       0.50         8 - Multiple Choice       65%       C       35%       16%       D       1       955 / 1460       0.65       0.42         9 - Multiple Choice       79%       B       21%       10%       D       1       1153 / 1460       0.78       0.57         10 - Multiple Choice       82%       B       18%       6%       C       1       1198 / 1460       0.80       0.48         11 - Multiple Choice       46%       C       54%       31%       D       1       668 / 1460       0.45       0.46         12 - Multiple Choice       49%       A       51%       30%       D       1       719 / 1460       0.49       0.31         13 - Multiple Choice       60%       B       40%       26%       A       1       881 / 1460       0.60	3 - Multiple Choice	86%	Α	14%	6%	С	1		0.85	0.38
6 - Multiple Choice       53%       A       47%       38%       D       1       781 / 1460       0.53       0.47         7 - Multiple Choice       51%       D       49%       34%       A       1       742 / 1460       0.50       0.50         8 - Multiple Choice       65%       C       35%       16%       D       1       955 / 1460       0.65       0.42         9 - Multiple Choice       79%       B       21%       10%       D       1       1153 / 1460       0.78       0.57         10 - Multiple Choice       82%       B       18%       6%       C       1       1198 / 1460       0.80       0.48         11 - Multiple Choice       46%       C       54%       31%       D       1       668 / 1460       0.45       0.46         12 - Multiple Choice       49%       A       51%       30%       D       1       719 / 1460       0.49       0.31         13 - Multiple Choice       60%       B       40%       26%       A       1       881 / 1460       0.60       0.53         14 - Multiple Choice       52%       D       48%       27%       A       1       765 / 1460       0.51	4 - Multiple Choice	73%	С	27%	16%	A	1	,	0.72	0.43
7 - Multiple Choice	5 - Multiple Choice	74%	С	26%	12%	В	1		0.73	0.48
8 - Multiple Choice 65% C 35% 16% D 1 955 / 1460 0.65 0.42 9 - Multiple Choice 79% B 21% 10% D 1 1153 / 1460 0.57 10 - Multiple Choice 82% B 18% 6% C 1 1198 / 1460 0.48 11 - Multiple Choice 46% C 54% 31% D 1 668 / 1460 0.45 0.46 12 - Multiple Choice 49% A 51% 30% D 1 719 / 1460 0.49 0.31 13 - Multiple Choice 60% B 40% 26% A 1 881 / 1460 0.60 0.53 14 - Multiple Choice 52% D 48% 27% A 1 765 / 1460 0.51 0.44 15 - Multiple Choice 67% B 33% 19% C 1 979 / 1460 0.66 0.44 16 - Multiple Choice 74% D 26% A 1 1081 / 0.73 0.56	6 - Multiple Choice	53%	A	47%	38%	D	1	781 / 1460	0.53	0.47
9 - Multiple Choice  79%  B 21%  10%  C 1 1153 / 1460  0.78  0.57  10 - Multiple Choice  82%  B 18%  6%  C 1 1198 / 1460  0.80  0.48  11 - Multiple Choice  46%  C 54%  31%  D 1 668 / 1460  0.45  0.46  12 - Multiple Choice  49%  A 51%  30%  D 1 719 / 1460  0.49  0.31  13 - Multiple Choice  60%  B 40%  26%  A 1 881 / 1460  0.51  0.44  15 - Multiple Choice  67%  B 33%  19%  C 1 979 / 1460  0.66  0.44  16 - Multiple Choice  74%  D 26%  A 1 1081 / 0.73  0.56	7 - Multiple Choice	51%	D	49%	34%	Α	1	742 / 1460	0.50	0.50
10 - Multiple Choice  82%  B 18%  6%  C 1 1198 / 1460  0.80  0.48  11 - Multiple Choice  46%  C 54%  31%  D 1 668 / 1460  0.45  0.46  12 - Multiple Choice  49%  A 51%  30%  D 1 719 / 1460  0.49  0.31  13 - Multiple Choice  60%  B 40%  26%  A 1 881 / 1460  0.51  0.44  15 - Multiple Choice  67%  B 33%  19%  C 1 979 / 1460  0.66  0.44  16 - Multiple Choice  74%  D 26%  A 1 1081 / 0.73  0.56	8 - Multiple Choice	65%	С	35%	16%	D	1	955 / 1460	0.65	0.42
11 - Multiple Choice       46%       C       54%       31%       D       1       668 / 1460       0.45       0.46         12 - Multiple Choice       49%       A       51%       30%       D       1       719 / 1460       0.49       0.31         13 - Multiple Choice       60%       B       40%       26%       A       1       881 / 1460       0.60       0.53         14 - Multiple Choice       52%       D       48%       27%       A       1       765 / 1460       0.51       0.44         15 - Multiple Choice       67%       B       33%       19%       C       1       979 / 1460       0.66       0.44         16 - Multiple Choice       74%       D       26%       12%       A       1       1081 /       0.73       0.56	9 - Multiple Choice	79%	В	21%	10%	D	1		0.78	0.57
12 - Multiple Choice       49%       A       51%       30%       D       1       719 / 1460       0.49       0.31         13 - Multiple Choice       60%       B       40%       26%       A       1       881 / 1460       0.60       0.53         14 - Multiple Choice       52%       D       48%       27%       A       1       765 / 1460       0.51       0.44         15 - Multiple Choice       67%       B       33%       19%       C       1       979 / 1460       0.66       0.44         16 - Multiple Choice       74%       D       26%       12%       A       1       1081 /       0.73       0.56	10 - Multiple Choice	82%	В	18%	6%	С	1	,	0.80	0.48
13 - Multiple Choice       60%       B       40%       26%       A       1       881 / 1460       0.60       0.53         14 - Multiple Choice       52%       D       48%       27%       A       1       765 / 1460       0.51       0.44         15 - Multiple Choice       67%       B       33%       19%       C       1       979 / 1460       0.66       0.44         16 - Multiple Choice       74%       D       26%       12%       A       1       1081 /       0.73       0.56	11 - Multiple Choice	46%	С	54%	31%	D	1	668 / 1460	0.45	0.46
14 - Multiple Choice     52%     D     48%     27%     A     1     765 / 1460     0.51     0.44       15 - Multiple Choice     67%     B     33%     19%     C     1     979 / 1460     0.66     0.44       16 - Multiple Choice     74%     D     26%     12%     A     1     1081 /     0.73     0.56	12 - Multiple Choice	49%	A	51%	30%	D	1	719 / 1460	0.49	0.31
15 - Multiple Choice     67%     B     33%     19%     C     1     979 / 1460     0.66     0.44       16 - Multiple Choice     74%     D     26%     12%     A     1     1081 /     0.73     0.56	13 - Multiple Choice	60%	В	40%	26%	A	1	881 / 1460	0.60	0.53
16 - Multiple Choice <b>74% D 26% 12% A</b> 1 1081 / 0.73 0.56	14 - Multiple Choice	52%	D	48%	27%	A	1	765 / 1460	0.51	0.44
	15 - Multiple Choice	67%	В	33%	19%	С	1	979 / 1460	0.66	0.44
1400	16 - Multiple Choice	74%	D	26%	12%	A	1	1081 / 1460	0.73	0.56

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17 - Multiple Choice	33%	С	67%	36%	В	1	481 / 1460	0.33	0.29
18 - Multiple Choice	79%	В	21%	7%	С	1	1147 / 1460	0.77	0.50
19 - Multiple Choice	58%	В	42%	14%	С	1	854 / 1460	0.58	0.58
20 - Multiple Choice	57%	D	43%	16%	Α	1	839 / 1460	0.57	0.55
21 - Multiple Choice	59%	A	41%	17%	D	1	868 / 1460	0.59	0.40
22 - Multiple Choice	<b>79</b> %	В	21%	10%	Α	1	1149 / 1460	0.77	0.55
23 - Multiple Choice	36%	D	64%	33%	Α	1	524 / 1460	0.35	0.35
24 - Multiple Choice	69%	D	31%	12%	Α	1	1007 / 1460	0.67	0.59
25 - Multiple Choice	43%	В	57%	26%	D	1	623 / 1460	0.42	0.41
26 - Multiple Choice	70%	В	30%	16%	С	1	1027 / 1460	0.70	0.52
27 - Multiple Choice	60%	С	40%	16%	D	1	878 / 1460	0.59	0.55
28 - Multiple Choice	74%	С	26%	11%	Α	1	1081 / 1460	0.72	0.59
29 - Multiple Choice	82%	В	18%	6%	Α	1	1199 / 1460	0.80	0.56
30 - Multiple Choice	53%	С	47%	18%	В	1	773 / 1460	0.52	0.45
31 - Multiple Choice	84%	A	16%	6%	D	1	1226 / 1460	0.82	0.54
32 - Multiple Choice	74%	D	26%	10%	В	1	1083 / 1460	0.73	0.56
33 - Multiple Choice	74%	В	26%	10%	Α	1	1081 / 1460	0.73	0.63
34 - Multiple Choice	67%	A	33%	14%	С	1	981 / 1460	0.66	0.58
35 - Multiple Choice	72%	В	28%	10%	С	1	1045 / 1460	0.70	0.54
36 - Multiple Choice	52%	A	48%	28%	С	1	757 / 1460	0.51	0.25
Summary	65%		35%				944 / 1460		

P-value represents an item's difficulty as evaluated by dividing the total number of correct responses by the total number of students tested. P-value is calculated for true/false, multiple choice, gridded or hot spot-single response items.

Item Mean is the average score for student responses to an open response question or to a multi-part question. Item Mean is calculated for inline response, matching or hot spot-multiple selections items.

Discrimination or Item Total Score Correlation is the correlation between the question score and the overall test score and indicates the extent to which success on an item corresponds to success on the test.

**Standards Alignment to NC Standards** 

# NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION Mented Reports

Question	ID	Standard Description
1 - Multiple Choice		Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
2 - Multiple Choice	CCSS.ELA- Literacy.RL.CCR.6	Assess how point of view or purpose shapes the content and style of a text.
3 - Multiple Choice		Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
4 - Multiple Choice		Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
5 - Multiple Choice		Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
6 - Multiple Choice		Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
7 - Multiple Choice	CCSS.ELA- Literacy.RL.CCR.2	Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
8 - Multiple Choice	CCSS.ELA- Literacy.RI.CCR.2	Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
9 - Multiple Choice	CCSS.ELA- Literacy.RL.CCR.3	Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
10 - Multiple Choice		Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
11 - Multiple Choice		Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
12 - Multiple Choice		Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
13 - Multiple Choice		Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
14 - Multiple Choice		Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
15 - Multiple Choice		Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
16 - Multiple Choice		Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
17 - Multiple Choice		Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
18 - Multiple Choice		Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
19 - Multiple Choice		Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
20 - Multiple Choice		Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
21 - Multiple Choice		Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter,

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	scene, or stanza) relate to each other and the whole.
22 - Multiple Choice CCSS.ELA- Literacy.RL.CCR.	Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
23 - Multiple Choice CCSS.ELA- Literacy.RI.4.2	Determine the main idea of a text and explain how it is supported by key details; summarize the text.
24 - Multiple Choice CCSS.ELA- Literacy.RF.4.4c	Use context to confirm or self-correct word recognition and understanding, rereading as necessary.
25 - Multiple Choice CCSS.ELA- Literacy.RI.4.2	Determine the main idea of a text and explain how it is supported by key details; summarize the text.
26 - Multiple Choice CCSS.ELA- Literacy.RI.CCR.5	Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
27 - Multiple Choice CCSS.ELA- Literacy.RI.4.2	Determine the main idea of a text and explain how it is supported by key details; summarize the text.
28 - Multiple Choice CCSS.ELA- Literacy.RI.CCR.2	Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
29 - Multiple Choice CCSS.ELA- Literacy.RI.CCR.2	Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
30 - Multiple Choice CCSS.ELA- Literacy.RI.CCR.4	Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
31 - Multiple Choice CCSS.ELA- Literacy.RL.CCR.:	Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
32 - Multiple Choice CCSS.ELA- Literacy.RL.CCR.:	Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
33 - Multiple Choice CCSS.ELA- Literacy.RL.4.2	Determine a theme of a story, drama, or poem from details in the text; summarize the text.
34 - Multiple Choice CCSS.ELA- Literacy.RL.CCR.:	Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
35 - Multiple Choice CCSS.ELA- Literacy.RL.4.1	Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
36 - Multiple Choice CCSS.ELA- Literacy.RL.CCR.	Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.