

2007-2008 PLAN ITEM-RESPONSE SUMMARY REPORT

Institution: SAMPLE HIGH SCHOOL
SOMETOWN, ST

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HS Code 999-999

Administration Date: 2007-2008

Local Group: 10TH GRADERS (Number of students = 493)

Reference Group: ALL 10TH GRADERS

TABLE 1: ITEM-RESPONSE SUMMARY FOR PLAN ENGLISH

Item number	Content area	Percentage of LOCAL group selecting each option, by response position					REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	Omit		Local group responded correctly	As often	More often	
Usage/Mechanics											
Punctuation											
2		24	65*	7	3	0	62	3		2	
7		43*	11	38	7	1	49	-6		7	
9		29	55*	7	9	1	52	3		9	
18		7	20	10	62*	1	61	1		18	
26		7	22	66*	3	1	69	-3		26	
27		32*	15	34	16	2	29	3		27	
41		25	34*	24	8	9	36	-2		41	
46		60*	7	11	10	12	63	-3		46	
Average Percent Correct		52					53				
Basic Grammar & Usage											
1		10	10	77*	2	0	69	8		1	
11		3	20	67*	9	1	66	1		11	
19		16	78*	4	2	1	77	1		19	
21		4	86*	8	2	1	84	2		21	
25		7	8	81*	3	1	79	2		25	
29		5	14	5	75*	2	68	7		29	
30		13	2	79*	4	2	69		10	30	
39		17	5	63*	7	8	61	2		39	
50		11	9	11	54*	15	50	4		50	
Average Percent Correct		73					69				

* Correct response

TABLE 1: ITEM-RESPONSE SUMMARY FOR PLAN ENGLISH (continued)

Item number	Content area	Percentage of LOCAL group selecting each option, by response position					REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	Omit		Local group responded correctly	Less often	As often	
5	Sentence Structure	22	5	68*	4	0	71	-3			5
10		75*	7	15	2	1	79	-4			10
14		13	63*	8	15	1	58	5			14
20		4	3	3	89*	1	88	1			20
22		12	41*	24	22	1	45	-4			22
31		38*	8	51	1	2	38	0			31
32		13	11	3	69*	3	70	-1			32
33		14	26*	23	33	4	34	-8			33
36		9	7	5	74*	5	67	7			36
38		30	53*	5	5	7	51	2			38
42	16	29	7	38*	10	36	2			42	
44	13	34*	9	32	11	39	-5			44	
45	6	56	15*	12	11	14	1			45	
Average Percent Correct		53					53				
Rhetorical Skills											
Strategy		74*	10	9	5	2	76	-2			4
4		60*	7	14	18	1	66	-6			23
23		17	22	45*	10	5	45	0			35
35		25*	23	28	11	13	24	1			47
47		35	17	18	16*	15	19	-3			49
49		Average Percent Correct					44				
Average Percent Correct		44					46				

* Correct response

TABLE 1: ITEM-RESPONSE SUMMARY FOR PLAN ENGLISH (continued)

Item number	Content area	Percentage of LOCAL group selecting each option, by response position					REFERENCE group percentage correct	Local group responded correctly			Item number
		A/F	B/G	C/H	D/J	Omit		Less often	As often	More often	
Organization											
8		17	4	6	72*	1	70			2	8
12		56*	11	14	19	1	54			2	12
13		6	4	82*	7	1	77			5	13
15		67*	6	17	9	1	72			-5	15
17		6	62*	10	21	1	59			3	17
34		26	62*	4	4	4	60			2	34
43		34	6	34*	16	10	37			-3	43
48		31	19	14	23*	14	21			2	48
Average Percent Correct		57					56				
Style											
3		52	3	9	35*	1	46			-11	3
6		14	22	59*	4	1	59			0	6
16		37	18	6	38*	1	40			-2	16
24		46*	12	32	10	1	47			-1	24
28		56*	17	11	15	2	55			1	28
37		8	3	15	69*	5	67			2	37
40		18	30	8	35*	9	39			-4	40
Average Percent Correct		48					50				

* Correct response

Total number in local group

493

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Reference Group: ALL 10TH GRADERS

TABLE 2: ITEM-RESPONSE SUMMARY FOR PLAN MATHEMATICS

Item number	Content area	Percentage of LOCAL group selecting each option, by response position						REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	E/K	Omit		Local group responded correctly	Less often	As often	
Pre-Algebra/Algebra												
1	Pre-Algebra	9	5	79*	3	3	1	78	1			1
2		5	87*	5	2	1	0	81				2
3		3	4	5	7	82*	0	77				3
4		7	8	2	80*	2	1	76				4
10		11	59*	20	4	5	1	57				10
18		24	8	8	14	43*	3	38				18
21		12	34*	20	15	17	2	34				21
22		16	12	57*	11	2	2	54				22
24		6	42*	25	15	9	3	37				24
28		5	6	6	5	73*	6	72				28
29		12	7	16	51*	7	7	36			15	29
30		22	19	14	30*	8	8	26				30
32		8	12	15	42*	14	10	39				32
33		28	16	7	7	31*	11	31				33
Average Percent Correct		56						53				

* Correct response

TABLE 2 : ITEM-RESPONSE SUMMARY FOR PLAN MATHEMATICS (continued)

Item number	Content area	Percentage of LOCAL group selecting each option, by response position							REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	E/K	Omit	Local group responded correctly		Less often	As often	More often	
Elementary Algebra													
5		75*	11	6	4	1	1	61					5
8		2	6	18	70*	3	0	60			14		8
9		11	8	67*	7	7	1	62		5	10		9
11		22	5	5	66*	1	1	59		7			11
13		7	52*	8	27	4	2	55		-3			13
35		7	20	12	12	32*	16	35		-3			35
37		16	15	27*	19	4	19	27		0			37
38		24*	16	14	15	10	20	26		-2			38
Average Percent Correct		52							48				
Geometry													
Coordinate Geometry													
6		1	3	11	8	75*	2	69		6			6
16		23	4	17	4	50*	2	51		-1			16
19		61*	12	14	7	4	2	57		4			19
26		14	43*	14	12	13	3	42		1			26
31		43*	17	13	7	11	9	39		4			31
39		9	14	16	28*	11	21	27		1			39
40		13*	30	15	13	9	21	20		-7			40
Average Percent Correct		45							44				

* Correct response

TABLE 2: ITEM-RESPONSE SUMMARY FOR PLAN MATHEMATICS (continued)

Item number	Content area	Percentage of LOCAL group selecting each option, by response position						REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	E/K	Omit		Local group responded correctly	Less often	As often	
7	Plane Geometry	17	63*	9	5	5	1	61				7
12		6	10	11	61*	10	2	54				12
14		55*	18	14	7	4	2	45			10	14
15		13	12	56*	9	8	2	46			10	15
17		13	18	49*	13	3	4	44			5	17
20		14	18	8	53*	5	1	45			8	20
23		40*	12	14	15	17	2	32			8	23
25		61*	15	11	6	5	4	39			22	25
27		7	11	47*	24	6	4	40			7	27
34		9	49*	15	10	4	13	50			-1	34
36	17	14	29*	12	10	18	26			3	36	
Average Percent Correct		51						44				

* Correct response

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TABLE 3: ITEM-RESPONSE SUMMARY FOR PLAN READING

Item number	Content area	Percentage of LOCAL group selecting each option, by response position						REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	Omit	Local group responded correctly		Less often	As often	More often	
1	Prose Fiction	23	39*	9	29	0	37	2			1	
2		7	27	63*	2	0	62	1			2	
3		10	10	74*	6	0	69	5			3	
4		71*	10	14	5	0	65	6			4	
5		11	18	48*	23	0	48	0			5	
6		11	35	44*	10	1	39	5			6	
7		24	12	16	47*	1	41	6			7	
8		18	62*	12	8	0	56	6			8	
Average Percent Correct		56						52				
Social Studies		13	19	20	46*	1	40	6			9	
9		24	14	14	47*	1	44	3			10	
10		71*	12	10	5	2	70	1			11	
11		23	11	59*	5	2	61	-2			12	
12		36*	19	19	23	3	32	4			13	
13		12	15	58*	12	3	53	5			14	
14		13	28*	38	17	4	28	0			15	
15		52*	15	12	15	6	43	9			16	
Average Percent Correct		50						46				

* Correct response

TABLE 3: ITEM-RESPONSE SUMMARY FOR PLAN READING (continued)

Item number	Content area	Percentage of LOCAL group selecting each option, by response position						REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	Omit	Local group responded correctly		Less often	As often	More often	
17	Humanities	13	15	20	41*	11	27				17	
18		51*	15	13	9	12	46			5	18	
19		12	19	14	41*	13	32			9	19	
20		40*	18	15	11	15	36			4	20	
21		14	16	46*	7	17	46			0	21	
22		13	28*	27	13	18	29			-1	22	
23		14	35*	24	9	19	29			6	23	
24		41*	12	14	15	19	41			0	24	
25		18	23	12	28*	19	23			5	25	
Average Percent Correct		39						34				

* Correct response

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Reference Group: All 10TH GRADERS

TABLE 4: ITEM-RESPONSE SUMMARY FOR PLAN SCIENCE

Item number	Content area	Percentage of LOCAL group selecting each option, by response position					REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	Omit		Local group responded correctly	As often	More often	
Earth/Space Sciences-Data Representation											
1		86*	9	4	1	0	85	1		1	
2		8	7	13	71*	1	70	1		2	
3		10	7	5	77*	1	77	0		3	
4		17	65*	14	3	1	70	-5		4	
5		15	58*	18	8	1	56	2		5	
Average Percent Correct							71	72			
Chemistry-Data Representation											
6		6	71*	12	9	2	75	-4		6	
7		19	12	14	53*	2	53	0		7	
8		12	59*	18	9	2	62	-3		8	
9		12	11	59*	15	2	58	1		9	
10		33*	33	19	12	3	33	0		10	
Average Percent Correct							55	56			
Biology-Research Summaries											
17		12	12	15	50*	10	59	-9		17	
18		17	42*	22	8	10	51	-9		18	
19		19	12	25	12	33	33	-5		19	
20		44*	16	18	28*	12	48	-4		20	
21		15	41*	19	11	13	46	-5		21	
22		17	15	31*	23	13	37	-6		22	
23		17	32*	25	12	14	33	-1		23	
Average Percent Correct							38	44			

* Correct response

TABLE 4: ITEM-RESPONSE SUMMARY FOR PLAN SCIENCE (continued)

Item number	Content area	Percentage of LOCAL group selecting each option, by response position					REFERENCE group percentage correct	Percentage difference (local minus reference group percentage correct)			Item number
		A/F	B/G	C/H	D/J	Omit		Local group responded correctly	Less often	As often	
Physics--											
Research Summaries											
24		16	15	12	42*	15	46	-4		24	
25		30*	21	17	18	15	23	7		25	
26		29*	25	17	13	17	33	-4		26	
27		21	26*	24	11	18	32	-6		27	
28		18	27*	21	15	19	29	-2		28	
29		19	19	29*	12	20	31	-2		29	
30		16	20	22*	21	21	24	-2		30	
Average Percent Correct											
		29					31				
Physics--											
Conflicting Viewpoints											
11		14	9	60*	13	4	61	-1		11	
12		17	8	12	57*	6	59	-2		12	
13		48*	21	17	8	6	51	-3		13	
14		41*	18	22	12	7	42	-1		14	
15		15	19	48*	10	8	47	1		15	
16		20	24	33*	14	8	31	2		16	
Average Percent Correct											
		48					49				
Average Percent Correct											
		63					64				
Data Representation											
		34					38				
Research Summaries											
		48					49				
Conflicting Viewpoints											

* Correct response

Total number in local group

493