



University of the State of New York
State Education Department

New York State Grade 8 Intermediate-Level Science Test Spring 2007

Performance Levels Chart and Conversion Chart for Determining a Student's Final Test Score

The chart on the next page defines the four performance levels for this test. The state-designated level of performance for this test is a final score of 65 or higher (levels 3 and 4). Students scoring below 65 (levels 1 and 2) must be provided with academic intervention services according to section 100.2(ee)(2)(i) of the Regulations of the Commissioner of Education. The chart provides the score intervals and a brief description of student abilities at each level.

The conversion chart is presented on the four pages following the performance levels chart. Be sure to use the correct portion of the chart. To determine the student's final test score, locate the student's raw score for the performance test across the top of the chart and the student's raw score for the written test down the left side of the chart. The point where those two raw scores intersect is the student's final test score. For example, a student receiving a performance test raw score of 30 and a written test raw score of 68 would receive a final test score of 83.

Note: Use for the Spring 2007 test only. Conversion charts provided for previous administrations of the Grade 8 Intermediate-Level Science Test must NOT be used to determine students' final scores for the 2007 administration of the test.

Performance Levels
Grade 8 Intermediate-Level Science Test

Level	Score Range	Description of Student Performance
4	85 – 100	<p>Meeting the Standards with Distinction</p> <ul style="list-style-type: none"> • Student demonstrates superior understanding of the intermediate-level science content and concepts for each of the learning standards and key ideas assessed. • Student demonstrates superior intermediate-level science skills related to each of the learning standards and key ideas assessed. • Student demonstrates superior understanding of the intermediate-level science content, concepts, and skills required for a secondary academic environment.
3	65 – 84	<p>Meeting the Standards</p> <ul style="list-style-type: none"> • Student demonstrates understanding of the intermediate-level science content and concepts for each of the learning standards and key ideas assessed. • Student demonstrates the science skills required for intermediate-level achievement in each of the learning standards and key ideas assessed. • Student demonstrates understanding of the intermediate-level science content, concepts, and skills required for a secondary academic environment.
2	44 – 64	<p>Not Fully Meeting the Standards</p> <ul style="list-style-type: none"> • Student demonstrates only minimal proficiency in intermediate-level science content and concepts in most of learning standards and key ideas assessed. • Student demonstrates only minimal proficiency in the skills required for intermediate-level achievement in most of the learning standards and key ideas assessed. • Student demonstrates marginal understanding of the science content, concepts, and skills required for a secondary academic environment.
1	0 – 43	<p>Not Meeting the Standards</p> <ul style="list-style-type: none"> • Student is <i>unable</i> to demonstrate understanding of the intermediate-level science content and concepts in most of the learning standards and key ideas assessed. • Student is <i>unable</i> to demonstrate the science skills required for intermediate-level achievement in most of the learning standards and key ideas assessed. • Student is <i>unable</i> to demonstrate evidence of the basic science knowledge and skills required for a secondary academic environment.

Conversion Charts for Determining a Student's Final Test Score

Note: Use for Spring 2007 test only

Page 1	Prints upper left quarter of chart
Page 2	Prints lower left quarter of chart
Page 3	Prints upper right quarter of chart
Page 4	Prints lower right quarter of chart

Performance Test Form A - Raw Score

Written Test Spring 2007 - Raw Score

	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
85	100	100	99	99	98	98	98	97	97	97	97	97	96	96	96	96	96	96	96	96	95	95	95	95	95	95
84	99	99	98	98	98	97	97	97	96	96	96	96	96	95	95	95	95	95	95	95	95	94	94	94	94	94
83	98	98	97	97	97	96	96	96	96	95	95	95	95	95	94	94	94	94	94	94	94	94	94	93	93	93
82	97	97	97	96	96	96	95	95	95	94	94	94	94	94	94	93	93	93	93	93	93	93	93	93	92	92
81	97	96	96	95	95	95	94	94	94	94	93	93	93	93	93	93	92	92	92	92	92	92	92	92	92	91
80	96	95	95	94	94	94	94	93	93	93	93	92	92	92	92	92	92	91	91	91	91	91	91	91	91	91
79	96	95	95	94	94	94	94	93	93	93	93	92	92	92	92	92	92	91	91	91	91	91	91	91	91	91
78	95	94	94	94	93	93	93	92	92	92	92	91	91	91	91	91	91	91	91	91	90	90	90	90	90	90
77	94	94	93	93	92	92	92	92	91	91	91	91	90	90	90	90	90	90	90	90	90	89	89	89	89	89
76	93	93	92	92	92	91	91	91	90	90	90	90	90	89	89	89	89	89	89	89	89	89	88	88	88	88
75	92	92	91	91	91	90	90	90	90	89	89	89	89	89	88	88	88	88	88	88	88	88	88	87	87	87
74	92	91	91	90	90	90	89	89	89	88	88	88	88	88	88	87	87	87	87	87	87	87	87	87	86	86
73	91	90	90	89	89	89	88	88	88	88	87	87	87	87	87	86	86	86	86	86	86	86	86	86	86	86
72	91	90	90	89	89	89	88	88	88	88	87	87	87	87	87	86	86	86	86	86	86	86	86	86	86	86
71	90	89	89	89	88	88	88	87	87	87	87	86	86	86	86	86	86	86	85	85	85	85	85	85	85	85
70	89	88	88	88	87	87	87	86	86	86	86	86	85	85	85	85	85	85	85	84	84	84	84	84	84	84
69	88	88	87	87	86	86	86	86	85	85	85	85	85	84	84	84	84	84	84	84	84	83	83	83	83	83
68	87	87	86	86	86	85	85	85	84	84	84	84	84	84	83	83	83	83	83	83	83	83	82	82	82	82
67	86	86	86	85	85	84	84	84	84	83	83	83	83	83	83	82	82	82	82	82	82	82	82	81	81	81
66	86	85	85	84	84	84	83	83	83	83	82	82	82	82	82	82	81	81	81	81	81	81	81	81	81	80
65	85	84	84	83	83	83	82	82	82	82	81	81	81	81	81	81	81	80	80	80	80	80	80	80	80	80
64	84	83	83	83	82	82	82	81	81	81	81	80	80	80	80	80	80	80	79	79	79	79	79	79	79	79
63	83	83	82	82	81	81	81	80	80	80	80	80	79	79	79	79	79	79	79	79	78	78	78	78	78	78
62	82	82	81	81	81	80	80	80	79	79	79	79	79	78	78	78	78	78	78	78	78	77	77	77	77	77
61	82	82	81	81	81	80	80	80	79	79	79	79	79	78	78	78	78	78	78	78	78	77	77	77	77	77
60	81	81	80	80	80	79	79	79	79	78	78	78	78	78	77	77	77	77	77	77	77	77	77	76	76	76
59	80	80	80	79	79	79	78	78	78	77	77	77	77	77	77	76	76	76	76	76	76	76	76	75	75	75
58	80	79	79	78	78	78	77	77	77	77	76	76	76	76	76	76	75	75	75	75	75	75	75	75	75	74
57	79	78	78	77	77	77	77	76	76	76	76	75	75	75	75	75	75	74	74	74	74	74	74	74	74	74
56	78	77	77	77	76	76	76	75	75	75	75	74	74	74	74	74	74	74	74	74	73	73	73	73	73	73
55	77	77	76	76	75	75	75	75	74	74	74	74	73	73	73	73	73	73	73	73	72	72	72	72	72	72
54	76	76	75	75	75	74	74	74	73	73	73	73	73	72	72	72	72	72	72	72	72	72	71	71	71	71
53	75	75	74	74	74	73	73	73	73	72	72	72	72	72	71	71	71	71	71	71	71	71	71	70	70	70
52	75	74	74	73	73	73	72	72	72	71	71	71	71	71	71	70	70	70	70	70	70	70	70	70	69	69
51	74	73	73	72	72	72	71	71	71	71	70	70	70	70	70	70	69	69	69	69	69	69	69	69	69	69
50	72	71	71	71	70	70	70	69	69	69	69	69	68	68	68	68	68	68	68	67	67	67	67	67	67	67
49	71	71	70	70	69	69	69	69	68	68	68	68	68	67	67	67	67	67	67	67	67	66	66	66	66	66
48	70	70	69	69	69	68	68	68	67	67	67	67	67	67	66	66	66	66	66	66	66	66	65	65	65	65
47	69	69	69	68	68	67	67	67	67	66	66	66	66	66	66	65	65	65	65	65	65	65	65	64	64	64
46	69	68	68	67	67	67	66	66	66	66	65	65	65	65	65	65	64	64	64	64	64	64	64	64	64	63
45	68	67	67	66	66	66	65	65	65	65	64	64	64	64	64	64	64	63	63	63	63	63	63	63	63	63
44	67	66	66	66	65	65	65	64	64	64	64	63	63	63	63	63	63	63	62	62	62	62	62	62	62	62
43	66	66	65	65	64	64	64	63	63	63	63	63	62	62	62	62	62	62	62	62	61	61	61	61	61	61

Performance Test Form A - Raw Score

	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25
42	65	65	64	64	64	63	63	63	62	62	62	62	62	61	61	61	61	61	61	61	61	60	60	60	60	60
41	64	64	63	63	63	62	62	62	62	61	61	61	61	61	60	60	60	60	60	60	60	60	60	59	59	59
40	63	63	63	62	62	62	61	61	61	60	60	60	60	60	60	59	59	59	59	59	59	59	59	59	58	58
39	63	62	62	61	61	61	60	60	60	60	59	59	59	59	59	59	58	58	58	58	58	58	58	58	58	57
38	61	60	60	60	59	59	59	58	58	58	58	57	57	57	57	57	57	57	57	56	56	56	56	56	56	56
37	60	60	59	59	58	58	58	58	57	57	57	57	56	56	56	56	56	56	56	56	55	55	55	55	55	55
36	59	59	58	58	58	57	57	57	56	56	56	56	56	55	55	55	55	55	55	55	55	55	54	54	54	54
35	58	58	57	57	57	56	56	56	56	55	55	55	55	55	54	54	54	54	54	54	54	54	54	53	53	53
34	58	57	57	56	56	56	55	55	55	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	52	52
33	57	56	56	55	55	55	54	54	54	54	53	53	53	53	53	53	52	52	52	52	52	52	52	52	52	52
32	55	54	54	54	53	53	53	52	52	52	52	52	51	51	51	51	51	51	51	50	50	50	50	50	50	50
31	54	54	53	53	52	52	52	52	51	51	51	51	51	50	50	50	50	50	50	50	50	49	49	49	49	49
30	53	53	52	52	52	51	51	51	50	50	50	50	50	50	49	49	49	49	49	49	49	49	48	48	48	48
29	52	51	51	50	50	50	49	49	49	49	48	48	48	48	48	48	47	47	47	47	47	47	47	47	47	46
28	51	50	50	49	49	49	48	48	48	48	47	47	47	47	47	47	47	46	46	46	46	46	46	46	46	46
27	50	49	49	49	48	48	48	47	47	47	47	46	46	46	46	46	46	46	45	45	45	45	45	45	45	45
26	48	48	47	47	47	46	46	46	45	45	45	45	45	44	44	44	44	44	44	44	44	44	43	43	43	43
25	47	47	46	46	46	45	45	45	45	44	44	44	44	44	43	43	43	43	43	43	43	43	43	43	42	42
24	46	46	46	45	45	45	44	44	44	43	43	43	43	43	43	42	42	42	42	42	42	42	42	42	41	41
23	45	44	44	43	43	43	43	42	42	42	42	41	41	41	41	41	41	40	40	40	40	40	40	40	40	40
22	44	43	43	43	42	42	42	41	41	41	41	40	40	40	40	40	40	40	40	39	39	39	39	39	39	39
21	42	42	41	41	41	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	37	37	37	37
20	41	41	40	40	40	39	39	39	39	38	38	38	38	38	37	37	37	37	37	37	37	37	37	36	36	36
19	41	40	40	39	39	39	38	38	38	37	37	37	37	37	37	36	36	36	36	36	36	36	36	36	35	35
18	40	39	39	38	38	38	37	37	37	37	36	36	36	36	36	36	35	35	35	35	35	35	35	35	35	35
17	38	37	37	37	36	36	36	35	35	35	35	35	34	34	34	34	34	34	34	33	33	33	33	33	33	33
16	36	36	35	35	35	34	34	34	33	33	33	33	33	33	32	32	32	32	32	32	32	32	31	31	31	31
15	35	35	35	34	34	33	33	33	33	32	32	32	32	32	32	31	31	31	31	31	31	31	31	30	30	30
14	35	34	34	33	33	33	32	32	32	32	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	29
13	33	32	32	32	31	31	31	30	30	30	30	29	29	29	29	29	29	29	28	28	28	28	28	28	28	28
12	32	32	31	31	30	30	30	29	29	29	29	29	28	28	28	28	28	28	28	28	27	27	27	27	27	27
11	30	30	29	29	29	28	28	28	28	27	27	27	27	27	26	26	26	26	26	26	26	26	26	25	25	25
10	29	28	28	27	27	27	26	26	26	26	25	25	25	25	25	25	24	24	24	24	24	24	24	24	24	23
9	28	27	27	26	26	26	26	25	25	25	25	24	24	24	24	24	24	23	23	23	23	23	23	23	23	23
8	26	26	25	25	24	24	24	24	23	23	23	23	22	22	22	22	22	22	22	22	21	21	21	21	21	21
7	25	25	24	24	24	23	23	23	22	22	22	22	22	21	21	21	21	21	21	21	21	21	20	20	20	20
6	24	23	23	22	22	22	21	21	21	20	20	20	20	20	20	19	19	19	19	19	19	19	19	19	18	18
5	23	22	22	21	21	21	20	20	20	20	19	19	19	19	19	19	18	18	18	18	18	18	18	18	18	18
4	21	20	20	20	19	19	19	18	18	18	18	18	17	17	17	17	17	17	17	16	16	16	16	16	16	16
3	19	19	18	18	18	17	17	17	16	16	16	16	16	16	15	15	15	15	15	15	15	15	14	14	14	14
2	18	18	18	17	17	16	16	16	16	15	15	15	15	15	15	14	14	14	14	14	14	14	14	13	13	13
1	17	16	16	15	15	15	14	14	14	14	13	13	13	13	13	13	13	12	12	12	12	12	12	12	12	12
0	15	15	14	14	13	13	13	12	12	12	12	12	11	11	11	11	11	11	11	11	10	10	10	10	10	10

Written Test Spring 2007 - Raw Score

Performance Test Form A - Raw Score

Written Test Spring 2007 - Raw Score

	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
85	95	95	94	94	94	94	94	94	93	93	93	92	92	92	91	91	90	90	89	89	88	87	87	86	85
84	94	94	94	93	93	93	93	93	92	92	92	92	91	91	90	90	89	89	88	88	87	86	86	85	84
83	93	93	93	93	92	92	92	92	92	91	91	91	90	90	90	89	89	88	88	87	86	86	85	84	83
82	92	92	92	92	92	91	91	91	91	90	90	90	89	89	89	88	88	87	87	86	85	85	84	83	82
81	91	91	91	91	91	91	90	90	90	90	89	89	89	88	88	87	87	86	86	85	85	84	83	82	82
80	91	90	90	90	90	90	90	89	89	89	88	88	88	87	87	87	86	86	85	84	84	83	82	82	81
79	91	90	90	90	90	90	90	89	89	89	88	88	88	87	87	87	86	86	85	84	84	83	82	82	81
78	90	90	89	89	89	89	89	88	88	88	88	87	87	87	86	86	85	85	84	84	83	82	82	81	80
77	89	89	89	88	88	88	88	88	87	87	87	86	86	86	85	85	84	84	83	83	82	81	81	80	79
76	88	88	88	88	87	87	87	87	86	86	86	86	85	85	84	84	84	83	82	82	81	81	80	79	78
75	87	87	87	87	86	86	86	86	86	85	85	85	84	84	84	83	83	82	82	81	80	80	79	78	77
74	86	86	86	86	86	85	85	85	85	85	84	84	84	83	83	82	82	81	81	80	80	79	78	77	77
73	85	85	85	85	85	85	84	84	84	84	83	83	83	82	82	81	81	80	80	79	79	78	77	76	76
72	85	85	85	85	85	85	84	84	84	84	83	83	83	82	82	81	81	80	80	79	79	78	77	76	76
71	85	84	84	84	84	84	84	83	83	83	83	82	82	81	81	81	80	80	79	78	78	77	76	76	75
70	84	84	83	83	83	83	83	82	82	82	82	81	81	81	80	80	79	79	78	78	77	76	76	75	74
69	83	83	83	82	82	82	82	82	81	81	81	80	80	80	79	79	78	78	77	77	76	75	75	74	73
68	82	82	82	82	81	81	81	81	81	80	80	80	79	79	79	78	78	77	77	76	75	75	74	73	72
67	81	81	81	81	81	80	80	80	80	79	79	79	78	78	78	77	77	76	76	75	74	74	73	72	71
66	80	80	80	80	80	80	79	79	79	79	78	78	78	77	77	76	76	75	75	74	74	73	72	71	71
65	79	79	79	79	79	79	78	78	78	78	77	77	77	76	76	76	75	75	74	73	73	72	71	71	70
64	79	78	78	78	78	78	78	77	77	77	77	76	76	76	75	75	74	74	73	73	72	71	70	70	69
63	78	78	77	77	77	77	77	77	76	76	76	75	75	75	74	74	73	73	72	72	71	70	70	69	68
62	77	77	77	76	76	76	76	76	75	75	75	75	74	74	73	73	72	72	71	71	70	69	69	68	67
61	77	77	77	76	76	76	76	76	75	75	75	75	74	74	73	73	72	72	71	71	70	69	69	68	67
60	76	76	76	76	75	75	75	75	75	74	74	74	73	73	73	72	72	71	71	70	69	69	68	67	66
59	75	75	75	75	75	74	74	74	74	73	73	73	72	72	72	71	71	70	70	69	68	68	67	66	65
58	74	74	74	74	74	74	73	73	73	73	72	72	72	71	71	70	70	69	69	68	68	67	66	65	65
57	74	73	73	73	73	73	73	72	72	72	71	71	71	70	70	70	69	69	68	67	67	66	65	65	64
56	73	73	72	72	72	72	72	71	71	71	71	70	70	70	69	69	68	68	67	67	66	65	65	64	63
55	72	72	72	71	71	71	71	71	70	70	70	69	69	69	68	68	67	67	66	66	65	64	64	63	62
54	71	71	71	71	70	70	70	70	69	69	69	69	68	68	67	67	67	66	65	65	64	64	63	62	61
53	70	70	70	70	69	69	69	69	69	68	68	68	67	67	67	66	66	65	65	64	63	63	62	61	60
52	69	69	69	69	69	68	68	68	68	68	67	67	67	66	66	65	65	64	64	63	63	62	61	60	60
51	68	68	68	68	68	68	67	67	67	67	66	66	66	65	65	64	64	63	63	62	62	61	60	59	59
50	67	67	66	66	66	66	66	65	65	65	65	64	64	64	63	63	62	62	61	61	60	59	59	58	57
49	66	66	66	65	65	65	65	65	64	64	64	63	63	63	62	62	61	61	60	60	59	58	57	56	56
48	65	65	65	65	64	64	64	64	64	63	63	63	62	62	61	61	60	60	59	58	58	57	56	55	55
47	64	64	64	64	64	63	63	63	63	62	62	62	61	61	61	60	60	59	59	58	57	57	56	55	54
46	63	63	63	63	63	63	62	62	62	62	61	61	61	60	60	59	59	58	58	57	57	56	55	54	54
45	62	62	62	62	62	62	61	61	61	61	60	60	60	59	59	59	58	58	57	56	56	55	54	54	53
44	62	61	61	61	61	61	61	60	60	60	60	59	59	59	58	58	57	57	56	56	55	54	53	53	52
43	61	61	60	60	60	60	60	60	59	59	59	58	58	58	57	57	56	56	55	55	54	53	53	52	51

Performance Test Form A - Raw Score

Written Test Spring 2007 - Raw Score

	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
42	60	60	60	59	59	59	59	59	58	58	58	58	57	57	56	56	55	55	54	54	53	52	52	51	50
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