



New York State Grade 8 Intermediate-Level Science Test  
June 2011

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 82.

**Note: Use for the June 2011 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 2011 administration of the test.

**Performance Levels**  
**Grade 8 Intermediate-Level Science Test**

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

## Grade 8 ILS Conversion Charts for Determining a Student's Final Test Score

**Note: Use for June 2011 test only**

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

## Performance Test Form A - Raw Score

Written Test June 2011 - 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	99	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	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
82	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
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	95	94	94	94	93	93	93	92	92	92	92	91	91	91	91	91	91	91	91	90	90	90	90	90	90	90
78	94	94	93	93	92	92	92	92	91	91	91	91	90	90	90	90	90	90	90	90	89	89	89	89	89	89
77	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
76	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
75	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
74	91	90	90	89	89	89	88	88	88	88	87	87	87	87	87	87	86	86	86	86	86	86	86	86	86	86
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	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
61	80	80	80	79	79	79	78	78	78	77	77	77	77	77	77	76	76	76	76	76	76	76	76	76	75	75
60	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
59	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
58	78	77	77	77	76	76	76	75	75	75	75	74	74	74	74	74	74	74	74	73	73	73	73	73	73	73
57	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
56	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
55	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
54	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
53	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
52	72	71	71	71	70	70	70	69	69	69	69	69	68	68	68	68	68	68	68	68	67	67	67	67	67	67
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	64	64	63	63	63	62	62	62	62	61	61	61	61	61	60	60	60	60	60	60	60	60	59	59	59	59

## 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	
Written Test June 2011 - Raw Score	42	63	63	63	62	62	62	61	61	61	60	60	60	60	60	59	59	59	59	59	59	59	59	59	59	58	58	
	41	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	58	57
	40	61	60	60	60	59	59	59	58	58	58	58	57	57	57	57	57	57	57	57	57	56	56	56	56	56	56	56
	39	60	60	59	59	58	58	58	58	58	57	57	57	56	56	56	56	56	56	56	56	55	55	55	55	55	55	55
	38	59	59	58	58	58	57	57	57	56	56	56	56	55	55	55	55	55	55	55	55	55	55	55	54	54	54	54
	37	58	58	57	57	57	56	56	56	56	55	55	55	55	55	54	54	54	54	54	54	54	54	54	54	53	53	53
	36	58	57	57	56	56	56	55	55	55	54	54	54	54	54	54	53	53	53	53	53	53	53	53	53	53	52	52
	35	57	56	56	55	55	55	54	54	54	54	54	53	53	53	53	53	53	52	52	52	52	52	52	52	52	52	52
	34	55	54	54	54	53	53	53	52	52	52	52	52	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50
	33	54	54	53	53	52	52	52	52	51	51	51	51	51	51	50	50	50	50	50	50	50	50	49	49	49	49	49
	32	53	53	52	52	52	51	51	51	50	50	50	50	50	50	49	49	49	49	49	49	49	49	49	49	48	48	48
	31	52	52	52	51	51	50	50	50	50	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	47	47	47
	30	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	46
	29	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	45
	28	49	49	48	48	47	47	47	46	46	46	46	46	45	45	45	45	45	45	45	45	44	44	44	44	44	44	44
	27	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	43
	26	46	46	46	45	45	45	44	44	44	44	43	43	43	43	43	43	42	42	42	42	42	42	42	42	42	41	41
	25	46	45	45	44	44	44	43	43	43	43	42	42	42	42	42	42	42	41	41	41	41	41	41	41	41	41	40
	24	44	43	43	43	42	42	42	41	41	41	41	40	40	40	40	40	40	40	40	40	39	39	39	39	39	39	39
	23	43	43	42	42	41	41	41	41	40	40	40	40	39	39	39	39	39	39	39	39	39	38	38	38	38	38	38
	22	42	42	41	41	41	40	40	40	39	39	39	39	39	38	38	38	38	38	38	38	38	38	38	37	37	37	37
	21	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	35
	20	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	35
	19	39	38	38	38	37	37	37	36	36	36	36	35	35	35	35	35	35	35	34	34	34	34	34	34	34	34	34
	18	37	37	36	36	35	35	35	35	34	34	34	34	34	33	33	33	33	33	33	33	33	33	32	32	32	32	32
	17	36	36	35	35	35	34	34	34	33	33	33	33	33	33	32	32	32	32	32	32	32	32	32	31	31	31	31
	16	35	35	35	34	34	33	33	33	33	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	30	30	30
	15	34	33	33	32	32	32	31	31	31	31	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29
	14	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	28
	13	31	31	30	30	30	29	29	29	28	28	28	28	28	27	27	27	27	27	27	27	27	27	26	26	26	26	26
	12	30	30	29	29	29	28	28	28	28	27	27	27	27	27	26	26	26	26	26	26	26	26	26	26	25	25	25
11	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	24	23	
10	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	23	
9	26	26	25	25	24	24	24	24	23	23	23	23	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	
8	25	25	24	24	24	23	23	23	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	20	20	20	20	
7	24	24	23	23	23	22	22	22	22	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	19	19	19	
6	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	18	
5	22	21	21	21	20	20	20	19	19	19	19	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	
4	20	20	19	19	18	18	18	18	17	17	17	17	17	16	16	16	16	16	16	16	16	16	15	15	15	15	15	
3	19	19	18	18	18	17	17	17	16	16	16	16	16	16	15	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	14	13	13	13	
1	17	16	16	15	15	15	14	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	13	12	12	12	12	12	11	11	11	11	11	11	11	11	10	10	10	10	10	10	

## Performance Test Form A - Raw Score

Written Test June 2011 - 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	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
82	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
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	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	66	66	66	65	65	65	65	65	64	64	64	63	63	63	62	62	61	61	60	60	59	58	58	57	56
50	65	65	65	65	64	64	64	64	64	63	63	63	62	62	62	61	61	60	60	59	58	58	57	56	55
49	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
48	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
47	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
46	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
45	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
44	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
43	59	59	59	59	58	58	58	58	58	57	57	57	56	56	56	55	55	54	54	53	52	52	51	50	49

## Performance Test Form A - Raw Score

Written Test June 2011 - 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	58	58	58	58	58	57	57	57	57	56	56	56	55	55	55	54	54	53	53	52	51	51	50	49	48
41	57	57	57	57	57	57	56	56	56	56	55	55	55	54	54	53	53	52	52	51	51	50	49	48	48
40	56	56	55	55	55	55	55	54	54	54	54	53	53	53	52	52	51	51	50	50	49	48	48	47	46
39	55	55	55	54	54	54	54	54	53	53	53	52	52	52	51	51	50	50	49	49	48	47	47	46	45
38	54	54	54	54	53	53	53	53	52	52	52	52	51	51	50	50	50	49	48	48	47	47	46	45	44
37	53	53	53	53	52	52	52	52	52	51	51	51	50	50	50	49	49	48	48	47	46	46	45	44	43
36	52	52	52	52	52	51	51	51	51	51	50	50	50	49	49	48	48	47	47	46	46	45	44	43	43
35	51	51	51	51	51	51	50	50	50	50	49	49	49	48	48	47	47	46	46	45	45	44	43	42	42
34	50	50	49	49	49	49	49	48	48	48	48	47	47	47	46	46	45	45	44	44	43	42	42	41	40
33	49	49	49	48	48	48	48	48	47	47	47	46	46	46	45	45	44	44	43	43	42	41	41	40	39
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23	38	38	38	37	37	37	37	37	36	36	36	35	35	35	34	34	33	33	32	32	31	30	30	29	28
22	37	37	37	37	36	36	36	36	35	35	35	35	34	34	33	33	33	32	31	31	30	30	29	28	27
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19	34	33	33	33	33	33	33	32	32	32	32	31	31	30	30	30	29	29	28	27	27	26	25	24	24
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12	25	25	25	25	24	24	24	24	24	23	23	23	22	22	22	21	21	20	20	19	18	18	17	16	15
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9	21	21	21	20	20	20	20	20	19	19	19	18	18	18	17	17	16	16	15	15	14	13	13	12	11
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6	17	17	17	17	17	17	16	16	16	16	15	15	15	14	14	13	13	12	12	11	11	10	9	8	8
5	17	16	16	16	16	16	16	15	15	15	15	14	14	13	13	13	12	12	11	10	10	9	8	7	7
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1	11	11	11	11	11	11	10	10	10	10	9	9	9	8	8	8	7	7	6	5	5	4	3	2	2
0	10	10	9	9	9	9	9	9	8	8	8	7	7	7	6	6	5	5	4	4	3	2	2	1	0