### **Litchfield School District**

To: Litchfield School Board

From: Julie Heon

Date: September 21, 2011 Subject: Science NECAP scores

Summary of findings for 2011 Science NECAP scores for grades 4, 8 and 11:

- All three grades exceeded the state average in all 4 science domains/subtopics (physical science, earth space science, life science, inquiry)
- Two grades exceeded and one grade equaled the state percentage of students scoring Proficient (3)
  - Grade 4 students exceeded the state percentage by 25 percentage points, improving over last year by 7 percentage points
  - Grade 11 students exceeded the state percentage by 5 percentage points, improving over last year by 8 percentage points
- 3% of Grade 11 students scored Proficient with Distinction, exceeding the state percentage of 1%
- Special needs students who scored Proficient increased for 2 grades
  - Grade 4 students exceeded the state percentage by 56 percentage points and fewer Below Proficient (1) students than the state average by 22 percentage points
  - Grade 8 students exceeded the state percentage by 24 percentage points and fewer Below Proficient students than the state average by 48 percentage points
  - Special needs students at CHS did not fare as well however, since in many cases students are not able to take all required science courses prior to the junior year or take additional science courses due to scheduling of special services



# **District Summary** 2010-2011 Students

District: Litchfield

State: New Hampshire

**Code:** 027-315

	Enrolled	NT Approved	NT Other	Tested				Ach	ieveme	nt Lev	el		
Science	N	N	N	NI.	Lev	el 4	Lev	el 3	Lev	el 2	Lev	el 1	Mean
	N	N	N	N	N	%	N	%	N	%	N	%	Scaled Score
Litchfield	372	1	0	371	4	1	164	44	164	44	39	11	
Grade 4	112	0	0	112	0	0	88	79	20	18	4	4	445
Grade 8	132	1	0	131	0	0	36	27	82	63	13	10	837
Grade 11	128	0	0	128	4	3	40	31	62	48	22	17	1137
										1			

# About The New England Common Assessment Program

ASSESSMENT

This report highlights results from the Spring 2011 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide

assessment program. The NECAP science test results are used primarily for program evaluation, school improvement, and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K-4, 5-8, and 9-11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

Each test contains a mix of multiplechoice and constructed-response

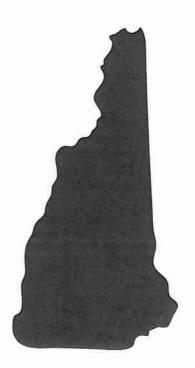
questions. Constructedresponse questions require students to develop

students to develop
their own answers to
questions. The science
test also includes an
inquiry session that
requires students to
answer questions based
on results of an actual
scientific investigation.
This report contains
a variety of school- and/

assessment results for the NECAP science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

or district-, and state-level

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



# Spring 2011 Grade 4 NECAP Science Test

# **District Results**

District: Litchfield

**Code:** 027-315



### **Spring 2011 - Grade 4 NECAP Science Test**

# **Grade Level Summary Report**

District: Litchfield

State: New Hampshire

**Code:** 027-315

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2010-11 school year, students who withdrew from the school after May 9, 2011, students who enrolled in the school after

May 9, 2011, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP		Number			Percentage	
PARTICIPATION III NECAP	School	District	State	School	District	State
Students enrolled on or after May 9		112	14,285		100	100
		Science			Science	
Students tested With an approved accommodation		112 6	<b>14,079</b> 3,604		<b>100</b> 5	<b>99</b> 26
Current LEP Students With an approved accommodation		0	387 195		0	3 50
IEP Students With an approved accommodation		6 6	2,140 1,738		5 100	15 81
Students not tested in NECAP State Approved Alternate Assessment Withdrew After May 9		0 0 0	<b>206</b> 189 175 0		0	1 92 93 0
Enrolled After May 9 Special Consideration Other		0 0	0 14 17			0 7 8

#### **NECAP RESULTS**

					ĵ	Distric	t									St	ate								
	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Le	vel 3	Lev	rel 2	Le	/el 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
SCIENCE	112	0	0	112	0	0	88	+25 79	20	18	4	4 4	. 445	14,079	1	54	36	8	441						

NOTE: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.



# **Spring 2011 - Grade 4 NECAP Science Test**

### **Science Results**

District: Litchfield

**State:** New Hampshire

**Code:** 027-315

#### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

#### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

#### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

#### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

=	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Leve	el 3	Lev	el 2	Lev	el 1	Mean Scaled
	N	N	N	N	N	%	N	%	N	%	N	%	Score
SCHOOL 2008-09 2009-10 2010-11 Cumulative Total													
DISTRICT 2008-09 2009-10 2010-11 Cumulative	99 132 <b>112</b>	0 0 <b>0</b>	0 0 <b>0</b>	99 132 <b>112</b>	0 1 <b>0</b>	0 1 0	70 95 <b>88</b>	71 72 <b>79</b> + 7	29 30 <b>20</b>	29 23 18	0 6 <b>4</b>	0 5 4	444 444 <b>445</b>
Total	343	0	0	343	1	<1	253	74	79	23	10	3	444
<b>STATE</b> 2008-09 2009-10 <b>2010-11</b> Cumulative	14,641 14,554 <b>14,285</b>	172 172 <b>189</b>	27 15 <b>17</b>	14,442 14,367 <b>14,079</b>	60 168 <b>163</b>	<1 1 1	7,614 7,661 <b>7,609</b>	53 53 <b>54</b>	5,537 5,096 <b>5,131</b>	38 35 <b>36</b>	1,231 1,442 <b>1,176</b>	9 10 <b>8</b>	441 440 <b>441</b>
Total	43,480	533	59	42,888	391	1	22,884	53	15,764	37	3,849	9	441

	Total				Percer	t of To	otal Po	ssible	Point	s				
Science Domain	Possible Points	0	10	20	30 :	40	50 ;	60 ;	70	80 :	90 ;	100 		
Physical Science	31		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1	1	1	•				•	School
Earth Space Science	31		\$ \$ 1 7 1			8 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				1 7 8 8 9			<b>*</b>	District State
Life Science	31	3	6 2 3 4 4 4 7 8 9		4 4 5 7 7 8 8 8 8	6 6 8 9 9 9 9 9 8 8 8 8 8 8 8 8 8 8 8 8	1 1 1 1 1 1 1 1 1	1	•	2 2 3 6 6 7 2 2 3 6 7 6 7	9 9 9 9 9 9			Standard Error Bar
Inquiry	18					e : : : : : : : : : : : : : : : : : : :	<b>A</b>			3 6 8 8 8	1 1 1 1 1 1			

letter than state



# **Spring 2011 - Grade 4 NECAP Science Test**

# **Disaggregated Science Results**

District: Litchfield

State: New Hampshire

Code: 027-315

						Distr	ict									Sta	ite								
REPORTING CATEGORIES	Enrolled	NT Approved	NT Other	Tested	Lev	rel 4	Lev	/el 3	Lev	el 2	Lev	el 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	112	0	0	112	0	0	88	79	20	18	4	4	445	14,079	1	54	36	8	441						
Gender																									
Male	68	0	0	68	0	0	53	78	13	19	2	3	445	7,225	1	53	37	9	441						
Female	44	0	0	44	0	0	35	80	7	16	2	5	446	6,854	1	55	36	8	441			i			
Not Reported	0	0	0	0						t t				0											
Race/Ethnicity																									
Hispanic or Latino	3	0	0	3										588	<1	30	47	23	435						
Not Hispanic or Latino	1 ,	_	_	, ,										34	_ \	4.4	20	76	426			1			
American Indian or Alaskan Native	3	0	0	3										34	0	44	29	26	436						
Asian	0	0	0	0	i i	į								430	2	57	32	9	442			ĺ			
Black or African American	1	0	0	1										261	1	28	50	21	435			}			
Native Hawaiian or Pacific Islander	0	0	0	0						40		,		11	0	18	55	27	431						
White	103	0	0	103	0	0	80	78	20	19	3	3	446	12,542	1	56	36	7	441						
Two or more races No Race/Ethnicity Reported	0 2	0	0	0 2										0 213	1	45	46	8	439						
LEP Status																									
Current LEP student	0	0	0	0				į						387	0	18	48	35	431			ĺ			
Former LEP student - monitoring year 1	0	0	0	ő				1						169	1 1	43	49	7	439			[			
Former LEP student - monitoring year 2	0	0	o o	ő						1				17	6	65	29	Ó	448			į			
All Other Students	112	ő	ő	112	0	0	88	79	20	18	4	4	445	13,506	1	55	36	8	441						
IEP								1				0	2												
Students with an IEP	6	0	0	6				150			1	+2		2,140	<1	26	48	26	434			i			
All Other Students	106	0	0	106	0	0	87	82	15	14	4	4	446	11,939	1	59	34	5	442						
SES						-		-				1	ļ												
Economically Disadvantaged Students	8	0	0	8										3,896	<1	36	48	16	436						
All Other Students	104	0	0	104	0	0	82	79	19	18	3	3	446	10,183	2	61	32	5	442						
Migrant														1											
Migrant Students	0	0	0	0				İ						0								İ			
All Other Students	112	0	0	112	0	0	88	79	20	18	4	4	445	14,079	1	54	36	8	441		1				
	97 T																								
																1									
																						İ			

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

NOTE: Some numbers may have been left blank because fewer than ten (10) students were tested.

# About The New England Common Assessment Program

ASSESSMENT

This report highlights results from the Spring 2011 New England Common Assessment Program (NECAP) science tests. The **NECAP** tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide

assessment program. The NECAP science test results are used primarily for program evaluation, school improvement, and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K-4, 5-8, and 9–11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

Each test contains a mix of multiplechoice and constructed-response

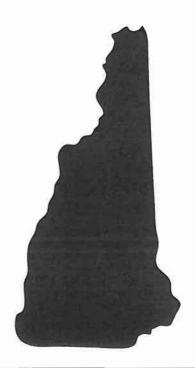
questions. Constructed-ENGLAND response questions require students to develop

their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation. This report contains a variety of school- and/

or district-, and state-level assessment results for the NECAP science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

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In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



# Spring 2011 **Grade 8 NECAP Science Test**

# **District Results**

Litchfield **District:** 

Code:

027-315



### **Spring 2011 - Grade 8 NECAP Science Test**

# **Grade Level Summary Report**

District: Litchfield

**State:** New Hampshire

**Code:** 027-315

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2010-11 school year, students who withdrew from the school after May 9, 2011, students who enrolled in the school after

May 9, 2011, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP		Number			Percentage	
PARTICIPATION III NECAP	School	District	State	School	District	State
Students enrolled on or after May 9		132	15,416		100	100
		Science			Science	
Students tested With an approved accommodation		<b>131</b> 6	<b>15,175</b> 2,135		<b>99</b> 5	<b>98</b> 14
Current LEP Students With an approved accommodation		0	276 134		0	2 49
IEP Students With an approved accommodation		9 6	2,504 1,530		7 67	17 61
Students not tested in NECAP State Approved Alternate Assessment		1 1 1	<b>241</b> 167 155		<b>1</b> 100 100	<b>2</b> 69 93
Withdrew After May 9 Enrolled After May 9		0	0		0	0
Special Consideration Other		0 0	12 74		0	7 31

#### **NECAP RESULTS**

				,		Distric	t									St	ate								
	Enrolled	NT Approved	NT Other	Tested	Lev	rel 4	Lev	vel 3	Le	vel 2	L	evel 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
SCIENCE	132	1	0	131	0	0	36	27	82	63	13	10	837	15,175	1	27	52	21	835						

NOTE: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.



### **Spring 2011 - Grade 8 NECAP Science Test**

### **Science Results**

District: Litchfield

State: New Hampshire

**Code:** 027-315

#### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

#### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

#### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

#### **Substantially Below Proficient (Level 1)**

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Leve	el 3	Leve	el 2	Lev	el 1	Mean Scaled
	N	N	N	N	N	%	N	%	N	%	N	%	Score
SCHOOL 2008-09 2009-10 2010-11 Cumulative Total													
DISTRICT 2008-09 2009-10 2010-11 Cumulative	141 128 <b>132</b>	0 1 1	0 0 <b>0</b>	141 127 <b>131</b>	0 0 <b>0</b>	00001	35 37 <b>36</b>	25 29 27	82 68 <b>82</b>	58 54 63	24 22 <b>13</b>	17 17 10 10	1) 836 836 837
Total	401	2	0	399	0	0	108	27	232	58	59	15	836
2008-09 2009-10 2010-11 Cumulative	15,866 15,531 <b>15,416</b>	149 182 <b>167</b>	70 63 <b>74</b>	15,647 15,286 <b>15,175</b>	57 66 <b>76</b>	<1 <1 1	3,696 4,083 <b>4,044</b>	24 27 <b>27</b>	8,254 7,902 <b>7,915</b>	53 52 <b>52</b>	3,640 3,235 <b>3,140</b>	23 21 <b>21</b>	834 835 <b>835</b>
Total	46,813	498	207	46,108	199	<1	11,823	26	24,071	52	10,015	22	835

	Total				Percei	nt of To	otal Po	ossible	Point	s				
Science Domain	Possible Points	0	10	20	30	40 :	50	60	70	80	90	100 		
Physical Science	31			E E E E E E E E E E E E E E E E E E E	2 E E E E E E E E E E E E E E E E E E E			•	5 5 7 7 8 9	1 1 1 1 1 1 1	***************************************			School District
Earth Space Science	31			7 8 1 9 9 9	4 7 3 1 1 5	4 4 7 8 7	-	<b>A</b>	1 2 2 5 1 1 1 7	1			•	State
Life Science	31		2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		7 7 9 1 1 1 1				*	1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #		_	Standard Error Bar
Inquiry	18		1	7 7 8 8 8 8		1		-	1	1				

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# **Spring 2011 - Grade 8 NECAP Science Test**

# **Disaggregated Science Results**

District: Litchfield

**State:** New Hampshire

**Code:** 027-315

					]	Distr	ict									Sta	te								
REPORTING CATEGORIES	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Lev	rel 3	Lev	rel 2	Lev	rel 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	M Sc
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Sc
l Students	132	1	0	131	0	0	36	27	82	63	13	10	837	15,175	1	27	52	21	835						
ender																									
Male	76	1	0	75	0	0	17	23	50	67	8	11	836	7,797	<1	27	51	22	834						
Female	56	0	0	56	0	0	19	34	32	57	5	9	837	7,377	1	26	54	20	835				1		
Not Reported	0	0	0	0				-						1	,										
ce/Ethnicity	_			_				; ; ; ;										4.5				 			
Hispanic or Latino	2	0	0	2							1			544	0	9	47	43	829						1
Not Hispanic or Latino		١ ,	_	_						1				E1	_	16	40	25	021						1
American Indian or Alaskan Native	0 2	0	0	0										51 363	0	16 37	49 43	35 20	831 836						
Asian Black or African American	0	0	0	2 0						-	1			309	<1	7	48	44	828						1
Native Hawaiian or Pacific Islander	0	0	0	0										16	0	6	44	50	829						1
White	128	1	0	127	0	0	34	27	80	63	13	10	837	13,748	1	28	53	19	835						
Two or more races	0	0	0	0	0	U	34	21	60	. 03	13	10	037	0	1	20	33	15	033						1
No Race/Ethnicity Reported	0	0	ő	0										144	0	17	58	25	833			* * * * * * * * * * * * * * * * * * *			
P Status																									
Current LEP student	0	0	0	0						1				276	0	1	30	68	823						
Former LEP student - monitoring year 1	Ö	0	0	0						ļ				26	0	8	73	19	833						
Former LEP student - monitoring year 2	l o	0	0	0				i i		1				29	ō	14	62	24	832						
All Other Students	132	. 1	ō	131	0	0	36	27	82	63	13	10	837	14,844	1	27	53	20	835						
p								1				/-	0												
Students with an IEP	10	1	0	9				+24		4	-	+4	P	2,504	<1	6	39	55	827	i					
All Other Students	122	0	0	122	0	0	36	30,	77	63	9	7	837	12,671	1	31	55	14	836						
S												-													
Economically Disadvantaged Students	11	0	0	11	0	0	0	0	9	82	2	18	833	3,770	<1	12	51	37	830						
All Other Students	121	1	0	120	0	0	36	30	73	61	11	9	837	11,405	1	31	52	15	836						
igrant																									
Migrant Students	0	0	0	0						į		İ		0								1	-		
All Other Students	132	1	0	131	0	0	36	27	82	63	13	10	837	15,175	1	27	52	21	835						
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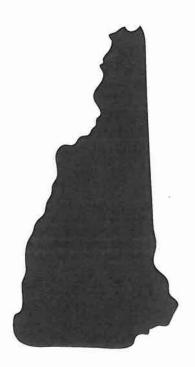
questions. Constructedresponse questions require students to develop

their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation. This report contains a variety of school- and/

assessment results for the NECAP science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

or district-, and state-level

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



# Spring 2011 Grade 11 NECAP Science Test

### **District Results**

District: Litchfield

Code:

027-315



### **Spring 2011 - Grade 11 NECAP Science Test**

# **Grade Level Summary Report**

District: Litchfield

State: New Hampshire

**Code:** 027-315

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2010-11 school year, students who withdrew from the school after May 9, 2011, students who enrolled in the school after

May 9, 2011, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

DARTICIDATION :- NECAD		Number			Percentage	
PARTICIPATION in NECAP	School	District	State	School	District	State
Students enrolled on or after May 9		128	15,127		100	100
		Science			Science	<b>1</b>
Students tested With an approved accommodation		<b>128</b>	<b>14,669</b> 1,424		<b>100</b> 1	<b>97</b> 10
Current LEP Students With an approved accommodation		0 0	201 75		0	1 37
IEP Students With an approved accommodation		10 1	2,069 1,171		8 10	14 57
Students not tested in NECAP State Approved Alternate Assessment		<b>0</b> 0 0	<b>458</b> 119 113		0	<b>3</b> 26 95
Withdrew After May 9 Enrolled After May 9 Special Consideration		0 0	0 0 6			0 0 5
Other Special Consideration		0	339			74

#### **NECAP RESULTS**

	District															Sta	ate								
En	rolled	NT Approved	NT Other	Tested	Lev	rei 4	Lev	Level 3 Level 2		el 2	Le	vel 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mea Scale
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
	128	0	0	128	4	72	40	+5	62	48	22	↑ 9 17	1137	14,669	1	26	47	26	1134						



### **Spring 2011 - Grade 11 NECAP Science Test**

# **Science Results**

District: Litchfield

State: New Hampshire

**Code:** 027-315

#### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

#### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

#### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

#### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

	NT Approved	NT Other	Tested	Lev	el 4	Lev	el 3	Leve	el 2	Lev	el 1	Mean Scaled	
N	N	N	N	N	%	N	%	N	%	N	%	Score	
143 146 <b>128</b>	0 2 <b>0</b>	1 2 0	142 142 <b>128</b>	0 3 <b>4</b>	0 2 3	41 33 <b>40</b>	29 23 <b>31</b>	69 71 <b>62</b>	49 50 <b>48</b>	32 35 <b>22</b>	23 25 17	1134 1134 <b>1137</b>	
417	2	3	412	7	2	114	28	202	49	89	22	1135	
15,762 15,178 <b>15,127</b>	158 131 <b>119</b>	313 287 <b>339</b>	15,291 14,760 <b>14,669</b>	84 148 <b>169</b>	1 1 1	3,592 3,389 <b>3,876</b>	23 23 <b>26</b>	7,200 7,179 <b>6,824</b>	47 49 <b>47</b>	4,415 4,044 <b>3,800</b>	29 27 <b>26</b>	1134 1134 <b>1134</b>	
	143 146 <b>128</b> 417 15,762 15,178	143 0 146 2 128 0 417 2 15,762 158 15,178 131 15,127 119	143 0 1 146 2 2 128 0 0 417 2 3 15,762 158 313 15,178 131 287 15,127 119 339	143     0     1     142       146     2     2     142       128     0     0     128       417     2     3     412       15,762     158     313     15,291       15,178     131     287     14,760       15,127     119     339     14,669	143       0       1       142       0         146       2       2       142       3         128       0       0       128       4         417       2       3       412       7         15,762       158       313       15,291       84         15,178       131       287       14,760       148         15,127       119       339       14,669       169	143 0 1 142 0 0 146 2 2 142 3 2 142 3 4 3 1 15,762 158 313 15,291 84 1 15,178 131 287 14,760 148 1 15,127 119 339 14,669 169 1	143 0 1 142 0 0 41 146 2 2 142 3 2 33 128 0 0 128 4 3 1 40 417 2 3 412 7 2 114 15,762 158 313 15,291 84 1 3,592 15,178 131 287 14,760 148 1 3,389 15,127 119 339 14,669 169 1 3,876	143 0 1 142 0 0 41 29 146 2 2 142 3 2 33 128 0 0 128 4 3 40 31 417 2 3 412 7 2 114 28  15,762 158 313 15,291 84 1 3,592 23 15,178 131 287 14,760 148 1 3,389 23 15,127 119 339 14,669 169 1 3,876 26	143       0       1       142       0       0       41       29       69         146       2       2       142       3       2       33       23       71         128       0       0       128       4       3       40       31       62         417       2       3       412       7       2       114       28       202         15,762       158       313       15,291       84       1       3,592       23       7,200         15,178       131       287       14,760       148       1       3,389       23       7,179         15,127       119       339       14,669       169       1       3,876       26       6,824	143       0       1       142       0       0       41       29       69       49         146       2       2       142       3       2       33       23       71       50         128       0       0       128       4       31       62       48         417       2       3       412       7       2       114       28       202       49         15,762       158       313       15,291       84       1       3,592       23       7,200       47         15,178       131       287       14,760       148       1       3,389       23       7,179       49         15,127       119       339       14,669       169       1       3,876       26       6,824       47	143 0 1 1 142 0 0 41 29 69 49 32 146 2 2 1442 3 2 33 23 71 50 35 128 0 0 128 4 3 40 31 62 48 22 417 2 3 412 7 2 114 28 202 49 89 15,762 158 313 15,291 84 1 3,592 23 7,200 47 4,415 15,178 131 287 14,760 148 1 3,389 23 7,179 49 4,044 15,127 119 339 14,669 169 1 3,876 26 6,824 47 3,800	143       0       1       142       0       0       41       29       69       49       32       23         146       2       2       142       3       2       33       23       71       50       35       25         128       0       0       128       4       31       40       31       62       48       22       17       8         417       2       3       412       7       2       114       28       202       49       89       22         15,762       158       313       15,291       84       1       3,592       23       7,200       47       4,415       29         15,178       131       287       14,760       148       1       3,389       23       7,179       49       4,044       27         15,127       119       339       14,669       169       1       3,876       26       6,824       47       3,800       26	

	Total	Percent of Total Possible Points												
Science Domain	Possible Points	0	10	20	30	40	50	60	70 ;	80	90	100		
Physical Science	31		1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	A	4 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1	8 8 1 8 8 8 8		•	School
Earth Space Science	31		1	5 6 7 7 8 8	2 2 3 5 5 6 7 8 8 8			<u> </u>	1				•	District State
Life Science	31		2 2 3 5 6 6 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 2 2 3 4 5 5 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 9 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1		7 1 1 1 1 1 1 2 2 2 3 4 3 4 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7		0 s s s s s s s s s s s s s s s s s s s	2		Standard Error Bar
Inquiry	18				# # # # # # # # # # # # # # # # # # #	_	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1 1 2 2 2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4			

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### **Spring 2011 - Grade 11 NECAP Science Test**

# **Disaggregated Science Results**

District: Litchfield

State: New Hampshire

**Code:** 027-315

						Distr	ict									Sta	ite								
REPORTING CATEGORIES	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Lev	rel 3	Lev	el 2	Lev	el 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mea Scale Scor
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Scor
All Students	128	0	0	128	4	3	40	31	62	48	22	17	1137	14,669	1	26	47	26	1134						
Gender								+		_		1													
Male	70	0	0	70	4	6	24	34 28	28	40	14	20	1137	7,406	2	27	43	29	1134						
Female	58	0	0	58	0	0	16	28	34	59	8	14	1136	7,263	1	26	50	23	1135			;			
Not Reported	0	0	0	0						-		-		0											
Race/Ethnicity			,	2										457	<1	11	41	47	1129						
Hispanic or Latino Not Hispanic or Latino	3	0	0	3			1							457	<1	- 11	41	47	1129			:			
American Indian or Alaskan Native	0	0	0	0	l i			i						39	0	21	54	26	1134						
Asian	0	0	0	0										352	3	39	36	22	1137						
Black or African American	0	0	0	ő										247	0	13	37	50	1128						
Native Hawaiian or Pacific Islander	0	0	0	ő				1						6			1		1.20						
White	123	0	ő	123	4	3	39	32	60	49	20	16	1137	13,456	1	27	47	25	1135						
Two or more races	0	0	l o	0			55	32	"				1127	0		-									1
No Race/Ethnicity Reported	2	ō	ō	2				;						112	1	25	47	27	1134						
LEP Status										t ! !															
Current LEP student	0	0	0	0										201	0	<1	23	77	1124						
Former LEP student - monitoring year 1	0	0	0	0				į						24	0	4	54	42	1130						
Former LEP student - monitoring year 2	0	0	0	0										19	0	16	47	37	1134						
All Other Students	128	0	0	128	4	3	40	31	62	48	22	17	1137	14,425	1	27	47	25	1134						
IEP				5				-4		-11		-15													
Students with an IEP	10	0	0	10	0	0	0	0	2	20	8	80	1123	2,069	<1	4	31	65	1126						
All Other Students	118	0	0	118	4	3	40	34	60	51	14	12	1138	12,600	1	30	49	20	1136						
SES																									
Economically Disadvantaged Students	8	0	0	8										2,711	<1	11	44	46	1130						
All Other Students	120	0	0	120	4	3	40	33	58	48	18	15	1137	11,958	1	30	47	21	1135				6 1 6		1
Migrant																									
Migrant Students	0	0	0	0										1								1			
All Other Students	128	0	0	128	4	3	40	31	62	48	22	17	1137	14,668	1	26	47	26	1134						
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