				_		SAND	TRE	TREATED SALT	OVE	OVERTIME	TOTAL
DATE	DAY	TIME	TIME	TIME TYPE OF	USED	PER YD	USED	COST			COST OF
		Z	OUT	STORM	YDS	\$17.00		\$78.62	HOURS	COST	STORM
Storm 1 11/7-11/8/12	Wed-Thur	1:15 PM	5:00 AM	5:00 AM Snow 7-8"	260.75	\$4,432.75	311.81	\$24,514.50	465	\$ 18,876.37	\$47,823.62
Storm 2 11/27/12	Tues	7:30 AM	7:30 PM Snow 2"	Snow 2"	218.5	\$3,714.50		\$20,270.59	111.25	\$ 4,529.44	\$28,514.53
				TOTAL	479.25	\$8,147.25		\$44,785.10	576.25	\$ 23,405.81	\$76,338.16
					YDS	Cost of	Tons	Cost of	OT Hrs	Cost of OT	Total cost of
					Sand	Sand	Salt	Salt			Storms

*Snow fall amounts are estimates only and are made by the Public Works Department.

ANNUAL BUDGET 2012 - 2013

DEPARTMENT: WINTER MAINTENANCE

MISSION/DESCRIPTION

This program consists of snow removal and sanding in the winter and removal of winter sand form the roadways and catch basins in the spring and

BUDGET HIGHLIGHTS

summer.

The budget for the Winter Maintenance department, for fiscal year 2013 is increased by \$7,637 or 1.1%. This was due to an increase in contractual services to account for inflation.

WINTER MAINTENANCE BUDGET

The second of th	The second secon						2012 - 20:	2012 - 2013 BUDGET	
	2009 - 2010	2009 - 2010 2010 - 2011	2011 - 2012	2011 - 2012	2011 - 2012	1st SELECTIMAN	BOS	BOF	21
WINTER MAINTENANCE	ACTUALS	ACTUALS	ADOPTED	AMENDED	ESTIMATED	PROPOSED	PROPOSED	RECOMMENDED	ADOPTED
OVERTIME	172,921		160,000	160,000	160,000	152,608	152,608	152,608	
SAND	65,000	•	65,000	65,000	65,000	61,450	61,450	61,450	
SALT	393,220	393,220 a 435,491	350,000	350,000	350,000	333,579	333,579	333,579	
CHAINS / BLADES / ETC	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	
CONTRACTUAL SERVICES	63,274		105,000	105,000	105,000	140,000	140,000	140,000	
The proof of the state of the s	714,415		700,000	700,000	700,000	707,637	707,637	707,637	1

ANNUAL BUDGET 2012 - 2013

DEPARTMENT: WINTER MAINTENANCE

ACCOUNT DETAIL

Overtime: This account is used for overtime for storms from November 15th to April 15th. An average of 3,800 hours of overtime has been required on a five year average. At the current average of \$40.16 per hour (average of all rates) for overtime, the total budget for 3,800 hours is \$152,608. We utilize approximately 3,800 hours four out of every five years. Sand: The five year rolling average for sand usage is 3,763 cubic yards annually. At the current price of \$16.33, the average budget requirement is

Salt: This account covers treated salt used for winter deicing. The equivalent of 4,176 tons of treated road salt has been used annually over the last five years. At a current cost per ton of \$79.88, the average budget cost over is \$333,579 Chains, Blades, Etc.: This account covers replacement parts and repairs on sanders, plows, plow blades for trucks. The full allocation has been needed each year based on the current condition of plows and sanders. Contractual Services: This account covers contracted removal of winter debris from catch basins and street sweeping. The complete cleaning sweep 800,000 linear feet (150 miles) of roadway and clean 3,150 individual catch basins. At a unit price of \$.10 per linear foot for sweeping and of all catch basins and roadways is a continuing requirement under current Federal and State storm water discharge regulations. Outside vendors will \$16.00 per basin the total for these two items are \$130,400. We also contract for approximately \$9,600 of front end loader time for severe storms.

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Actual Actual<			(iliscal lear)	1		
ator 2007 2008 2009 2010 owing 8 14 16 22 2,321 3,689 5,221 4,866 2,324 3,500 4,660 4,158		Actual	Actual	Actual	Actual	Actual
owing 8 14 16 22 2,321 3,689 5,221 4,866 2,321 3,689 5,221 4,866	Measure/Indicator	2007	2008	2009	2010	2011
2,321 3,689 5,221 4,866	umber of Snow Plowing		14	16	22	21
2,321 3,689 5,221 4,866	Operations					h maamaaa array walio dha qaraba iliya qariba iliya qaba iliya da ba qab
2 294 3 500 4 660 4 158	ons of Salt Used	2,321	3,689	5,221	4,866	4,786
0001	Yards of Sand Used	2,294	3,500	4,660	4,158	4,200

3 PRIMROSE STREET NEWTOWN, CT 06470 TEL. (203) 270-4201 FAX (203) 270-4205 www.newtown-ct.gov



LEGISLATIVE COUNCIL

Jeff Capeci Chairman, Newtown Legislative Council 52 Bear Hills Road Newtown, CT 06470 February 7, 2010

Honorable Patricia Llodra, First Selectman Town of Newtown 3 Primrose Street Newtown, CT 06470

Dear Pat:

As you are aware, the Legislative Council was given by the previous council, an Ad Hoc Facilities Committee Report dated November 18, 2009. At the council's regular meeting on February 3, the following motion was passed unanimously:

The Legislative Council Recommends the appropriate town entities consider the recommendations contained in the Interim Report of the Legislative Council Ad Hoc Facilities Committee dated November 18, 2009. The recommendations are:

- 1.) Identify software applications/develop procedures to track maintenance work that is shared across departments. To be implemented in the 2009-2010 fiscal year. Responsibility: Board of Selectman, Superintendent of Schools.
- 2.) Implement the work tracking software in the Public Works Department. To be implemented in the 2009-2010 fiscal year. Responsibility: Board of Selectman.
- 3.) Implement the work tracking feature in the Parks & Recreation and the Board of Education Maintenance Departments. To be accomplished in the 2010-2011 fiscal year or sooner. Responsibility: Board of Selectman and the Board of Education.
- 4.) Complete study of whether consolidating the town-wide maintenance into one department would lead to greater efficiencies and cost savings, using hard data generated from technology programs that track cost of work. To be accomplished in the 2011-2012 fiscal year. Responsibility: Board of Selectman and Board of Education

The council believes that the Ad Hoc Facilities Committee did a tremendous amount of research compiling the report and in doing so, uncovered many collaborative efforts currently in existence between the town and the school system. These efforts save taxpayers a significant amount of money each year. In passing the resolution, the council is in agreement that furthering this work is best accomplished under the auspices of the Board of Selectman and the Superintendent of Schools. Moreover, the council believes that additional savings can be realized only if resources are committed to this effort. Whether those resources take the form of town and school employees or a commission of volunteers is not a decision for the council to make. These economic times call for finding new, innovative and cost effective ways to deliver services. This report is a step in that direction. On behalf of the Legislative council, I encourage you to work with Dr. Robinson and her designees to further the goals of the Ad Hoc Facilities Committee. Attached, please find the report and let me know if the council can assist you in this effort.

Sincerely,

Jeffrey Capeci

Enclosure

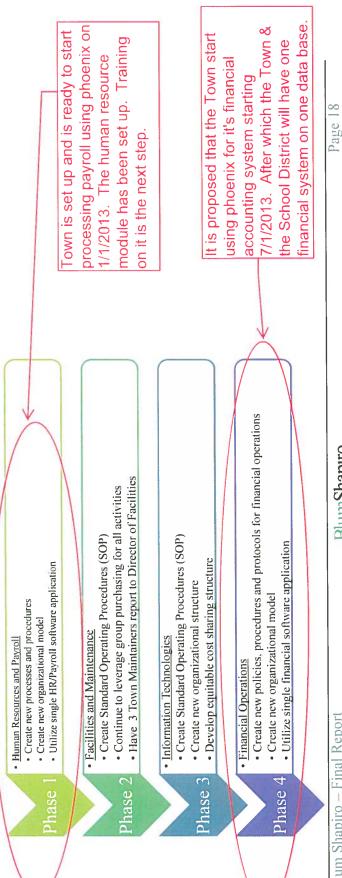
cc: William Rodgers, William Furrier, Mary Ann Jacob, Daniel Amaral, Jan Andras, John Aurelia, James Belden, Gary Davis, George Ferguson, Kevin Fitzgerald, Christopher LaRocque, Benjamin Spragg, Richard Woycik.

Recommendation - Transitional Approach Overview

III. A - Newtown Operations Feasibility Study - Transitional Approach Overview - Recommendations

1. Implement a Shared Services Model for the Town and School District

- We recommend a transitional approach to phasing into a new organizational structure for all areas reviewed
- i. Phase I Merge School District Human Resources and Payroll with Town
- ii. Phase 2 Merge Town Maintainers with School District
- iii. Phase 3 Merge Town Information Technology with School District
- iv. Phase 4 Merge School District Financial Operations with Town
- Utilize current employees in new structure 6.
- i. Provides institutional knowledge of both organizations
- Provides stabilization
- iii. Enables existing employees ability to ensure new organization is a good fit
- As employees leave/retire roles may need to be realigned ပ



Blum Shapiro - Final Report

Accounting Tax Business Consulting BlumShapiro

A. ACTION PLAN SCHEDULE

Phase I 0 -- 6 Months

- Configure Phoenix system's HR and Payroll modules for Town Use
 - Develop policies and procedures to support combined processes
 - Implement HR and Payroll modules within the Phoenix system

Phase II – 7 – 12 Months

- Confirm Facilities and Maintenance organizational structure
- Develop Job Descriptions
- Negotiate with Unions
- Merge current Maintainers personnel into current organization
 - Develop SOP between Town and School District

Phase III – 7 to 12 Months

- Confirm IT organizational structure
- Develop Job Descriptions
 - Negotiate with Unions
- Merge current IT personnel into new structure
- Develop SOP between Town and School District

Phase IV 12 -24 Months

- Perform Financial Software Evaluation
- Define Policies and Procedures Manual
- Co-locate shared financial management organization
- Implement financial modules (general ledger, accounts payable, procurement)
- Implement new financial processes (as required)
- Update policies and procedures to include new processes of financial system

TOWN OF NEWTOWN

ANNUAL RECURRING COSTS FOR FINANCIAL & PAYROLL SYSTEMS

FINANCIAL SYSTEM:	MUNIS	PHOENIX
MAINTENANCE FEE	17,200 a.	4,064 b.
PAYROLL SYSTEM:	ADP	PHOENIX
MAINTENANCE FEE FEES CHECK STOCK & INK	- 27,000 -	4,838 c. - 1,500
TOTAL RECURRING COSTS	44,200	10,402

- a. allows for (4) concurrent users (\$3,000 for each additional concurrent user)
- **b.** financial system initial setup:

license fee	10,159
training	4,000
installation	640
project mgt.	3,000
	17,799
	-

maintenance fee is -0- the first year.

c. payroll system initial setup:

license fee	18,144
training	5,000
installation	640
project mgt.	4,000
	27,784

maintenance fee is -0- the first year.

Note: total set-up for both systems is \$45,583

Achievements of District

Newtown Public Schools December 10, 2012

"Schools of Distinction" Four of our schools have received recognition

Highest Performing Sub-Group



Newtown Middle School



Newtown High School

Highest Progress

Middle Gate Elementary



Highest Overall Performance

Middle Gate Hementory



Newtown Middle School







CAPT Scholars

Connecticut State Department of Education

Fairfield, Greenwich, West Hartford, Advanced level on all of the CAPT for students who achieved at the subtests. Only schools above us Newtown High School received Region 5(Orange, Woodbridge) 89 recognition letters

Out of 399 Graduating Students In 2012 There Were

1,202 College Acceptances

Highest Competitive Colleges

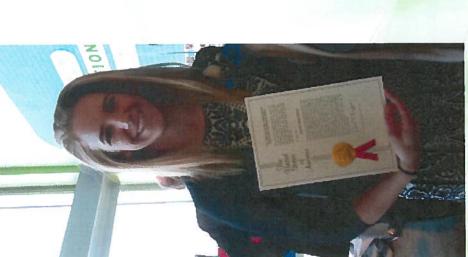
	# of		# of
/	Acceptances		Acceptances
Barnard College	m	Smith College	2
Boston College	∞	Tufts University	₂
Columbia University	П	Univ. of Chicago	2
Connecticut College	m	Univ. of Connecticut	109
Cornell University	2	Univ. of Michigan	7
Duke University	2	Univ. of North Carolina Chapel Hill	2
Georgetown University	2	Univ. of Pennsylvania	က
Lehigh University	4		

Our Graduation Rate Ingrease 95.3% in 2012 *fose to*

94.6 % In 2011

High School Student is Awarded U.S. Patent







Zoe Eggleston, Senior

Enrollment

As of October 31, 2012	2012	≪ I
Elementary	1,605	ш
Intermediate	818	=
Middle	893	_
High School	1,766	_
Pre-Kdg	46	4
Out-of-Town	30	O

1, 2011	1,720	928	870	1,743	64	25
As of October 31, 2011	Elementary	Intermediate	Middle	High School	Pre-Kdg	Out-of-Town

5,298

Total

5,158

Total

Standards (CCSS) and Common Core State CT STANDARDS

Moving Beyond Awareness

12

Common Core State Standards

- students need for college and career Define the knowledge and skills
- Developed voluntarily and cooperatively by 45 states
- Source: www.corestandards.org Provide clear, consistent standards in English language arts/Literacy and mathematics

Students Who are College and Career Ready In Reading, Writing, Speaking, Listening and Language

- They demonstrate independence
- They build strong content knowledge
- They respond to the varying demands of audience, task, purpose, and discipline
- They comprehend as well as critique
- They value evidence
- They use technology and digital media strategically and capably
- They come to understand other perspectives and cultures

Key Areas in The English/LA Standards

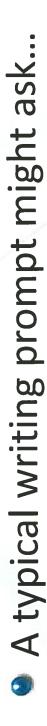
- Reading Comprehension
- Writing
- Speaking
- Listening
- Language

RADIKAS & WHITE

Key Shifts

- Text complexity
- Range of text types
- Close analysis of texts
- Evidence to back up claims and conclusions
- Writing prompts tied to texts

Classroom Example



Birmingham Jail," discuss the idea of freedom and what it After reading Martin Luther means to you (the student) King's "Letter from a



RADIKAS & WHITE

Classroom Example

A "writing to sources" assignment would be:



What does freedom mean to the author? How does the author define freedom?

analyzed the text and used evidence from it In this assignment students cannot answer the question without having read and to support his/her conclusion.

RADIKAS & WHITE

Key Shifts

- Research (short projects)
- ➤ Marshaling arguments
- ▼ Academic vocabulary
- ➤ Evidence, evidence, evidence



Paradigm Shifts for Mathematics

➤ No longer "CMT Strand Land"

Standards-based focused, coherent instruction

➤ Put the practice standards into practice

Support instruction with intense, focused professional development

TATE NICHOLS

Standards for Mathematical Practice

- Make sense of problems and persevere in solving
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- 4. Model with mathematics.
- Use appropriate tools strategically.
- . Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

From this

Find 20% of 350,000

to...



- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- 3. Construct viable arguments and critique the reasoning of others.
- 4. Model with mathematics.
- Use appropriate tools strategically.
- 6. Attend to precision.
- Look for and make use of structure.
- 8. Look for and express regularity in repeated reasoning.

An international fast food chain reports 12,800 stores in the United States. The states that approximately 310 million States eat at is restaurants each day. that 8% of the people in the United most recent Census Bureau report The fast food chain currently has people live in the United States. Make a conjecture as to whether or not mathematical argument that validates you believe the report from the fast food chain to be accurate. Create a your conclusion.

Priorities in Mathematics

Priorities in Support of Rich Instruction and Expectations of Fluency and Conceptual Understanding	Addition and subtraction, measurement using whole number quantities	Multiplication and division of whole numbers and fractions	Ratios and proportional reasoning; early expressions and equations	Ratios and proportional reasoning; arithmetic of rational numbers	Linear algebra	
Grade Co	K-2 A	3–5 N	9	7 R	8 Li	
						TATE NICHOLS

CCSS for Mathematics High School Conceptual Categories

➤ Number and Quantity

➤ Algebra

▼ Functions

▼ Modeling

▼ Geometry

> Statistics and Probability

Smarter Balanced Assessment 2015

- Computer Adaptive Model
- ➤ Testing "window" (up to 3 months)
- ▼ Grades 3-8 and 11
- > Selected Response, Constructed Response, Technology-enhanced, Performance Assessments
- Accommodations provided

Newtown Public Schools CT Standards (CCSS) Responds to

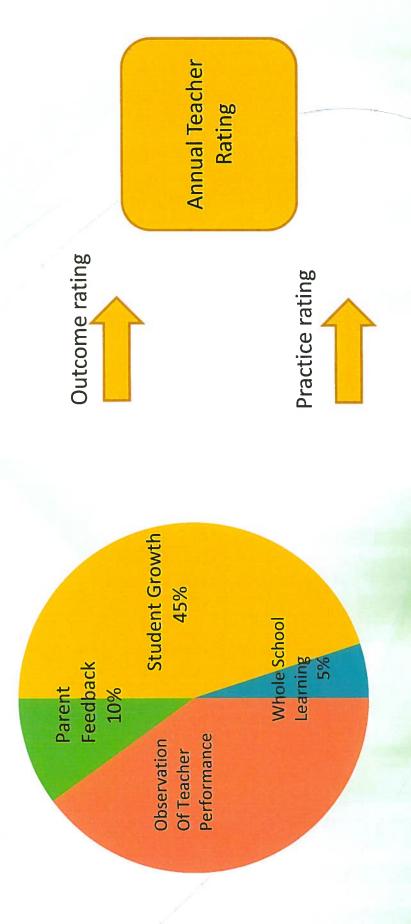
- Curriculum and Resources
- Communication
- Professional Development
- Assessment

Additional Resources

- Common Core State Standards (CCSS) website
- http://www.corestandards.org
- CCSS in CT at CT State Department of Education website
- http://www.sde.ct.gov/sde/cwp/view.asp?a=26 18&q=322592

Thank you to Charlene Tate-Nichols, Joanne White and Amy Radikas of the CSDE for providing materials for this presentation.

Teacher Evaluation Components



Implications for Newtown Schools

COSTS

\$6,297

Teach Scape (Admin & Art only) \$6,780

(Teacher goals & P.D. record) My Learning Plan

Implications for Newtown Schools

NWEA

COSTS

K-12 ELA & Math

K – 10 Science

Professional Development

\$70,950 \$9,627

\$ 3,200/day

Implications for Newtown Schools

CCSS

Professional Development (mostly in-house)

*Mathematics for K-5 program

*Readers Workshop K-8

\$1,500/day

(\$75,000 in 2012-13 system)

Resources

- Classroom Libraries
- K-5 Mathematics

\$30,000

ENROLLMENT REPORT AS OF October 1, 2011 Certified

	Current Monthly Enrollment					Cumulative Year-to-Date				
Grade K 1 2 3 4 Total Elementary	Sept(b) 2011 273 345 330 374 399 1,721	Added 0 2 1 0 3 6	Left 1 3 0 0 0 4	Oct 1st 2011 272 344 331 374 402 1,723		Sept 9th 2011 273 345 330 374 399 1,721	Added 0 2 1 0 3 6	Left 1 3 0 0 0 4	Oct 1st 2011 272 344 331 374 402 1,723	
5 <u>6</u> Total Intermediate	416 <u>461</u> 877	2 <u>0</u> 2	0 <u>1</u> 1	418 <u>460</u> 878		416 <u>461</u> 877	2 <u>0</u> 2	0 <u>1</u> 1	418 <u>460</u> 878	
7 <u>8</u> Total Middle	439 <u>431</u> 870	1 <u>0</u> 1	0 <u>0</u> 0	440 <u>431</u> 871		439 <u>431</u> 870	1 <u>0</u> 1	0 <u>0</u> 0	440 <u>431</u> 871	
9 10 11 <u>12</u> Total High	465 430 456 <u>395</u> 1,746	0 1 0 <u>2</u> 3	4 0 1 <u>0</u> 5	461 431 455 <u>397</u> 1,744		465 430 456 <u>395</u> 1,746	0 1 0 <u>2</u> 3	4 0 1 0 5	461 431 455 <u>397</u> 1,744	
Special Education Pre-Kdg	26	40	0	66		26	40	0	66	
Out-of-Town	<u>23</u>	<u>2</u>	<u>0</u>	<u>25</u>		23	<u>2</u>	<u>0</u>	<u>25</u>	
TOTAL K-12	5,263 =====	54 ===	10 ===	5,307 =====		5,263 =====	54 ===	10 ===	5,307 =====	o
ENROLLMENT BY Hawley Sandy Hook Middle Gate Head O' Meadow Total	SCHOOL 384 520 476 341 1,721	0 2 2 2 2 6	0 1 2 <u>1</u> 4	384 521 476 <u>342</u> 1,723		384 520 476 <u>341</u> 1,721	0 2 2 2 6	0 1 2 1 4	384 521 476 <u>342</u> 1,723	
Reed Intermediate Middle School High School	877 870 1,746	2 1 3	1 0 5	878 871 1,744		877 870 1,746	2 1 3	1 0 5	878 871 1,744	32
Special Education Pre-Kdg	26	40	0	66		26	40	0	66	o
Out-of-Town	23	<u>2</u>	<u>0</u>	<u>25</u>		<u>23</u>	<u>2</u>	<u>0</u>	<u>25</u>	
TOTAL K-12	5,263 ====	54 ===	10 ===	5,307 =====		5,263 =====	54 ===	10 ===	5,307 =====	o
((b) = Beginning Of	Month 9/9/11								
check	0	0	0	0		0	0	0	0	

ELEMENTARY CLASS SIZES AS OF October 1, 2011 Certified

Grade	Hawley	Sandy Hook	Middle Gate	Head O' Meadow	Reed	TOTAL	check
Pre K				66		66	0
К	14	16	15	19		1	
	16	17	16	18			
	16	16	15	16			
	15	16	15				
		16	16			1	
Total K	61	81	77	53		272	0
701077	1			1 1			
1	21	19	19	16			
	21	19	18	14			
	20	19	18	16			
	19	18	17	15		Į	
		19	18				
			18				
	_					244	97
Total 1	81	94	108	61		344	0
2	16	18	20	18			
2	18	19	20	18			
	17	19	19	18			
	18	19	19	"	İ		
		18	18	1			
		19					
Total 2	69	112	96	54		331	0
3	22	21	25	20			
	21	20	24	22			
	22	21	24	21			
	22	20	25	23		0	
		21					
Total 3	87	103	98	86	į	374	0
70070	1 0. 1	100		1			
4	21	23	24	22		8	
	22	22	24	22		İ	
	22	21	24	22			
	21	22	25	22			
		22					
		21					
			_		100	105	
Total 4	86	131	97	88		402	0
Total K-4	384	521	476	342		1,723	0
check	0	0	0	0		0	•
PowerSchool 10/1	384	521	476	342			
· - · · · · · · · · · · · ·	0	0	0	0			

ENROLLMENT REPORT AS OF October 1, 2012 OFFICIAL

	Current Monthly Enrollment				Cumulative Year-to-Date						
<u>Grade</u>	Aug 28th 2012	Added	<u>Left</u>	Oct 1st 2012		Aug 28th 2012	Added	<u>Left</u>	Oct 1st 2012		
K	254	3	4	253		254	3	4	253		
1	308	5	5	308		308	5	5	308		
2	336	3	1	338		336	3	1	338		
3	341	0	0	341		341	0	0	341		
4	<u>368</u>	<u>1</u>	<u>3</u>	<u>366</u>		<u>368</u>	<u>1</u>	<u>3</u>	<u>366</u>		
Total Elementary	1,607	12	13	1,606		1,607	12	13	1,606		
5	404	0	2	402		404	0	2	402		
<u>6</u>	<u>418</u>	<u>2</u>	<u>3</u>	<u>417</u>		<u>418</u>	<u>2</u> 2	<u>3</u> 5	<u>417</u>		
Total Intermediate	822	2	5	819		822	2	5	819		
7	449	1	2	448		449	1	2	448		
<u>8</u>	<u>446</u>	<u>2</u>	<u>3</u>	<u>445</u>		<u>446</u>	<u>2</u>	<u>3</u>	<u>445</u>		
Total Middle	895	3	5	893		895	3	5	893		
9	428	1	2	427		428	1	2	427		
10	454	2	0	456		454	2	0	456		
11	427	1	4	424		427	1	4	424		
<u>12</u>	<u>451</u>	<u>7</u>	<u>1</u>	<u>457</u>		<u>451</u>	<u>7</u>	<u>1</u> 7	<u>457</u>		
Total High	1,760	11	7	1,764		1,760	11	7	1,764		
Special Education											
Pre-Kdg	38	7	0	45		38	7	0	45		
Out-of-Town	<u>32</u>	<u>1</u>	<u>0</u>	<u>33</u>		32	<u>1</u>	<u>0</u>	<u>33</u>		
TOTAL K-12	5,154	36	30	5,160		5,154	36	30	5,160	0	
	====	===	===			=====	===	===	====		
ENROLLMENT BY										Diff	from start
Hawley	36 8	4	10	362		368	4	10	362		-6
Sandy Hook	452	2	0	454		452	2	0	454		2
Middle Gate	448	5	2	451		448	5	2	451		3
Head O' Meadow	<u>339</u>	<u>1</u>	<u>1</u>	<u>339</u>		<u>339</u>	<u>1</u>	<u>1</u>	<u>339</u>		<u>o</u>
Total	1,607	12	13	1,606		1,607	12	13	1,606		-1
Reed Intermediate	822	2	5	819	745	822	2	5	819		-3
Middle School	895	3	5	893		895	3	5	893		-2
High School	1,760	11	7	1,764		1,760	11	7	1,764		4
Special Education											
Pre-Kdg	38	7	0	45		38	7	0	45	0	7
Out-of-Town	32	<u>1</u>	<u>0</u>	<u>33</u>		<u>32</u>	<u>1</u>	<u>0</u>	<u>33</u>		1
TOTAL K-12	5,154 =====	36 ===	30 ===	5,160 =====		5,154 =====	36 ===	30 ===	5,160 =====	0	6
,	'h) = Bosins' C'	Month Biogue									
check	(b) = Beginning Of 0			0		0	0	0			
cneck	U	0	0	0		0	0	0	0		

ELEMENTARY CLASS SIZES AS OF October 1, 2012 OFFICIAL

Grade	Hawley	Sandy Hook	Middle Gate	Head O' Meadow	Reed	TOTAL	check
Pre K		30		15		45	0
К	12	19	15	16			
	13	19	15	15			
	12	17	15	14			
	12	17	14	15			
			13				
Total K	49	72	72	60		253	0
Total K	45	12	12	00		200	
1	19	16	17	19			
·	18	15	17	18			
	18	16	17	17			
	18	15	17	18			
		16	17				
Total 1	73	78	85	72		308	0
			•				
2	21	19	17	15			
	20	19	17	16			
	20	18	18	15			
	19	19	17	15			
		19	17				
			17				
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November 2012

Superintendent's Newsletter

Newtown Public Schools

Janet Robinson, Ph.D., Superintendent of Schools

Linda Gejda, Ed.D., Assistant Superintendent

A note from the Superintendent...

Board Meetings 2012

November 20 December 4 December 18

Budget Meetings January 8 January 10 January 15 January 17 January 23 January 24 January 29 January 31

Board Members

Debbie Leidlein, Chair Laura Roche, Vice Chair Cody McCubbin, Secretary William Hart

Richard Gaines Keith Alexander John Vouros



Come visit us at Fairfield Hills Campus or on the web at www.newtown.k12.ct.us

Greetings to our Newtown community,

Just as we were all emerging from our hurricane Sandy trials, I thought we could be enjoying getting back to some normalcy, but a nor'easter just had to blow in and test our patience again. With 5 days of school missed due to Sandy, we are fortunate that we were able to have school with a delay.



Janet Robinson, Ph.D. Superintendent of Schools

This newsletter will focus on some of the work that our conscientious staff does during their summer to continue to grow as effective teachers to the benefit of our students. As our focus continues on literacy, you might note that K - 8 teachers are attending Columbia University courses on Readers³ Workshop. Additional training will be ongoing throughout the year on these strategies and you can expect to see this reflected in your child reading a great variety of books, with increased emphasis on nonfiction.

Our designated early release days will be focused on developing performance based assessments which require students to apply their skills and knowledge to real life situations and to using thoughtful problem solving strategies. This is an important part of acquiring 21st Century skills. It is exciting watching students engaged in this type of work as they are researching, using previously learned material, collaborating, and stretching their imaginations. This will serve them well as they go through life.

Our work on concept based curriculum and best practices for instructional strategies is being validated as our CMT and CAPT scores have gone up steadily every year for the last 4 years, and this year our students' performance ranked in the top 5 in our district reference group (DRG) in 14 subtests. At the Middle School we ranked #1 in reading and math.

We are entering an era of change in education that is unprecedented. We will be introducing the new Common Core State Standards at all levels, and the tests replacing the CMT/CAPT will reflect these standards. The first state to make this change, Kentucky, saw a decrease in performance when students were assessed with the new tests. We will be conducting parent workshops this year to introduce the standards to parents and answer questions.

Also, new to education is a new teacher evaluation plan that is being piloted this year. This state mandate is the first time that teacher evaluations have been standardized at the state level and it requires training for staff and an increased number of teacher observations. The implementation of the administrator evaluation There is tremendous will follow shortly. accountability for student achievement in the new plan. What this means for parents: you should expect to receive surveys to fill out as part of this evaluation process; and students will have not only standardized tests but also other tests in every content area (even P.E., art, music)

that will be linked to a teacher's evaluation.

We have been so fortunate in Newtown as we have been able to attract, develop, and keep dedicated and gifted teachers. Even with the limited resources, we see students achieving because of the quality of instruction, but we always want to improve. This mindset of continuous improvement for the sake of our students is a cornerstone of our beliefs in Newtown. We want to continue to work as partners with parents as research has shown that parents who support education tend to have successful children. We want every one of your children to reach their dreams.



NICE Partnership With France **Brings Educators to Newtown**

by Jennifer Davidson

The Newtown International Center for Education (NICE) expanded its global footprint in a significant way last year when it created a formal sister school alliance with Lycée Alain in Le Vésinet, France. This partnership marked NICE's first partnership with a European school. Interestingly, NICE and Lycée

Alain came into contact with each other in China in 2011 through their common partnership with Upper Middle School No.3 in Liaocheng.

The France-US relationship is already moving forward quickly. Two educators from Lycée Alain, Claire Choquet and Valérie Zink, are spending a week in Newtown to work with their Newtown High School counterparts, Jennifer Davidson and Paula Greenfield, to lay the foundation for future student exchanges to and from France and explore ways to deepen the sister school partnership. Concurrently, the teachers from France will have the opportunity to learn more about the US educational system, familiarize themselves with the Assistant Principal Jason Hirus, French delegates Newtown school district and its teachers and administrators, and Claire Choquet and Valerie Zink, and Newtown High School French teachers Paula Greenfield and expose themselves to US culture through several area excursions. Jennifer Davidson.



Newtown High School Principal Charles Dumais,

Choquet and Zink had originally planned to travel with a third colleague, Marine Scheller, until Superstorm Sandy forced a rescheduling of their trip. They are staying with host families (the Chaloux and Schwartz families) while in Newtown. On behalf of the principal of their school, Choquet and Zink have expressed deep sympathy for the losses our area suffered during the storm. They are extremely grateful that we have welcomed them just a week after the hurricane and are looking forward to getting to know Newtown and its schools.

The next step in the NICE-Lycée Alain partnership will be student exchanges. Twentysix students from Le Vésinet will be coming to Newtown at the end of March, and twenty-three NHS students will travel to France during April recess. On both sides of the Atlantic, students will be staying with local host families while attending the high school and participating in page 3 Newtown Public Schools

cultural tours of the region. Fortunately, Lycée Alain, a school of 1,100 students, is in a suburb of Paris, and an easy 20-minute train ride will bring students to the heart of the city, making for wonderful, enriching cultural opportunities for the Newtown students during their stay in France.

Jason Hiruo, Coordinator of NICE, is thrilled at the speed with which this partnership has progressed. Hiruo is confident of the success of Choquet and Zink's visit because of the interest expressed about their visit by Newtown teachers and building administrators. As such, the teachers from France will be exposed to as much of the school district and its dedicated faculty as possible during their week in Newtown. Hiruo is anticipating that Lycée Alain will be the first of several European sister school alliances for NICE in the years to come.



Newtown Middle School 7th & 8th graders participated in International Education Week by dressing in clothing representative of a specific country, or by sharing a message in a foreign language with the entire school during morning announcements!



Newtown High School Student is Awarded Intellectual Patent from Science Project



Zoe Eggleston, Senior Newtown High School

by Sally Martinelli

For some students, their epiphany moment— when young adults discover their passion or talent for something—comes from taking a certain class or becoming acquainted with

a specific teacher. For Newtown High School senior Zoe Eggleston, all it took was a science project.

When Eggleston was an eighth grader at the Newtown Middle School, science teacher Beverly Andracci assigned an independent create-your-own project.

"Zoe came home from class and told us that she had to do a big project, and that she chose to do a research paper," Kathryn Mayer, Eggleston's mom said. "I said, 'You're kidding. For a science project? This is going to be torture.' We went over the list of options together, and saw there was a make an invention option."

Four years later, that invention's idea would be awarded U.S. Patent No. 8,299,931.

"I invented the Ice Device, which uses pulleys and other mechanisms to test the thickness of ice without having to step onto possibly dangerous grounds" Eggleston said. She partly attributed the idea to her fear of going out onto the ice and having it break underneath her feet. "She came up with the idea of making something to test the thickness of the ice right away," Brad Eggleston, Zoe's father, said. "Then, she spent months messing around upstairs in her room. She would draw something, bring it downstairs and say 'Do you think this would work?' She got into it and really liked doing it."

After toying with almost fourteen different sketches, Eggleston figure out the most effective model and crafted it from a child's kickboard and PVC pipe. She went into school and handed it in. NMS moved Zoe onto the Connecticut Invention Convention, where she presented her Ice Device. "It wasn't a big deal at all because I didn't think much about it," Eggleston said.

For her mom, going to the Convention itself was a fluke thing. "We almost left early to go to a travel soccer game," Mayer admitted. "But, I texted Brad and told him how cool it was and that we were going to stay."

After hanging around and checking out other inventions for most of the evening, mother and daughter figured they would finish out the night by watching the awards ceremony.

As it turned out, Eggleston ended up being the star of the show, receiving the McCormack, Paulding, & Huber Patent Award. This award allowed Eggleston to work with the company's patent lawyers (who design schematics, research the market to make sure there are not similar products already out there, etc) and apply for a free application and a patent if applicable.

When they announced the Ice Device, Mayer confesses she got a little emotional. "I was absolutely floored. Looking back, I can see just how much the [Connecticut Invention Convention] changed her life. She found people that thought like she did," Mayer said.

Winning the award gave Eggleston opportunities such as being a Student Representative for the CIC at the Connecticut Forum of Creativity, and presenting at the Connecticut Women of Innovation Award Ceremony, but, according to Eggleston, it gave her so much more.

"The [McCormack, Paulding, & Huber Patent Award] has pushed me to think about math and

sciences more and to look into technology, which I had no idea I was into before," Eggleston said. "But now, I see that I think this way. I'm a problem solver."

This realization kindled Zoe's passion for science. She took PowerTech, Physics and Drafting in high school, and has applied to engineering schools. Right before she hit "Submit," Eggleston received a letter concerning her patent.

"We really struggled with whether or not we should open the letter," Brad Eggleston said. "When you apply to college you can say 'patent pending,' but if we knew her patent was denied we would have had to put that on her application. It would have been like it never happened. Zoe decided to open it, and she got it."

Eggleston now has a press conference with a company through the CIC regarding the manufacturing and the advertisement of her product.

As of now, she has no plans to sell her idea. "I want to keep it because it is my first thing and I know there are going to be more coming," Eggleston said. "I want to keep ownership of it."

When asked whether or not fans would be seeing Eggleston on ABC's reality TV show Shark Tank, Zoe laughed. "Everyone keeps asking me that," Eggleston said. "Maybe some day. This is just the beginning."

Sally Martinelli is the Managing Editor of **The Hawkeye**, Newtown High School's Newspaper





Newtown Students Show Continuous Improvement in State Testing

by Linda Gejda, Ed.D., Assistant Superintendent

In March 2012, Newtown students in grades 3-8 took the Connecticut Mastery Test (CMT) and students in grade 10 took the Connecticut Academic Performance Test (CAPT). In this generation of the CMT (2006-12), Newtown students' performance continued to improve. In more than half of the subtests given in Math, Reading, Writing and Science, 90% or more scored at or above the state goal. Student performance in mathematics continues to be exceptionally strong overall. The Third Generation Connecticut Academic Performance Test (CAPT) was administered to tenth grade students. Student performance has significantly improved over the past six years, with the highest performance in 2012. Vertical Scale graphs and further state assessment information can be accessed at the State Department of Education assessment website at www.ctreports.com

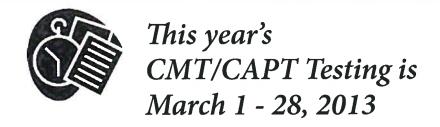
In addition to looking at our performance over time, residents are often interested in Newtown schools' performance compared to similar districts. The following table displays Newtown's 2012 performance compared to members of our DRG:

2012 CMT/CAPT District Reference Group (DRG) Comparison

Grade 3 Grade 4 Grade 5 Grade 6 Grade 7 Grade 8 Grade 10 Math 3 11 3 2* Reading 8 8 10 7 1 10* 5 2* 5 2 2 8* Writing 4 13 3 5 Science

% At/Above Goal

Improved student performance on state assessments is particularly notable because Newtown schools are in the process of preparing for the administration of a <u>new</u> state assessment to be administered in 2015. The new assessment will focus on the standards identified by the Common Core State Standards, a document adopted by more than 45 states. As teachers implement changes in literacy and mathematics curricula, they are also maintaining a high level of performance on current state assessments. Kudos to students and teachers for a job well done!



^{*}Tied with another District

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The archetypal returning to school essay is "What did I do on my summer vacation?" Teachers spent the time between school's closing June 21st and reopening August 23rd learning to improve their content knowledge and their teaching craft. This article provides a small sampling of what Newtown teachers were involved in and illustrates their alignment with the district mission as they are "inspired to excel."

Technology

Technology continually evolves and offers new learning opportunities. While only one tool of 21st century learning, it is one that constantly evolves. Students are natives to technology; many teachers are immigrating. To keep up with the technology natives, some teachers use the summer to stay leaders in this area. Over the summer, Kathleen Dye (NMS) completed a graduate workshop on technology for educators, including web site design and development. Kristin Violette (NHS) participated in a seminar at MIT for App Inventor developers and teaching techniques. She also participated in a CT Computer Science Association (CTCSA) three-day seminar at Quinnipiac University. Self-disciplined, Jen Davidson (NHS) worked to find as many useful online resources for her world language students as possible, everything from grammar to music to culture. Her students will be using these sites throughout the year for day-to-day reference as well as for larger projects.

Travel

Teachers traveled with the specific purpose of bringing culture back to their classrooms, enhancing student global awareness. A 21st century citizen advantage. Amy Repay, Team Project Leader for NICE and NHS Social Studies teacher, was selected



as the third representative from Newtown to participate on the national Japan Study

to participate on the national Japan Study Team. Ms. Repay spent three weeks traveling throughout Japan immersed in its culture, history and beauty. Amy visited cities and regional communities of Kyoto, Nara, Nagoya, Hiroshima, Wakayama, Tokyo and Nikko.

As one of ten educators from the United States chosen by Japan Society headquarters, Amy was part of the Japan National Educators Tour that runs every summer. This was a life changing experience that brought life and breath to what she loves to teach and now brings significant personal experience to share with her students.

Kevin Grady (NHS) spent two weeks in Turkey visiting over 30 ancient sites spanning the Hittite, Greek, Roman, Byzantine and Ottoman periods. His Latin students will definitely benefit from Mr. Grady's exposure to these areas.

Paula Greenfield (NHS) traveled to Morocco for 2 weeks and learned firsthand about a francophone country.

Don Ramsey (NMS) attended a two-day conference entitled, "The Global Leadership Conference." World-renowned speakers included corporate CEOs, political figures, humanitarian pioneers, and church leaders around the world such as: Condoleezza Rice, former Secretary of State; Pranitha Timothy, Director of Aftercare International Justice Mission (freeing slaves in India and promoting their recovery); William Ury, Co-Founder and Senior Fellow at Harvard University's Program on Negotiation and author of the book, Getting to Yes; Patrick Lencioni, Founder and President of The Table Group, a consulting firm on "organizational health"; and Sheryl Wudunn, Pulitzer Prize winning author, business executive, and activist for gender equity. This conference provided invaluable insights into issues of leadership that translate into Mr. Ramsey's ability to present sound leadership concepts to students for success in the 21st century society. It also provided insights into organizational health that Don says, "will render me a better staff member in the district as well as a more effective member of the community as an advocate for the students I serve."

In addition to the above, Mr. Ramsey hiked two major mountains: the Northeast's highest peak, Mt. Washington, in New Hampshire, and Mt. Katahdin in central Maine. He participated in a "Marine Biology" excursion in Bar Harbor, Maine. All three of these experiences provided him with a historical perspective in conjunction with Science and Technology directly

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applicable to the subject he teaches at Newtown Middle School (Technology Education).

Kathy Boettner (NHS AP) and Cathy Ostar (NHS Guidance Dept. Chair) traveled to Phoenix, Arizona to attend the 2012 Naviance Summer Institute. This opportunity was funded through a CT Dept. of Education grant received by Peg Ragaini (NHS Career Center) to help our district move forward with implementation of student success plans.

Curriculum

An estimated 154 teachers participated in curriculum writing and curriculum training workshops during the summer. Curriculum is a staple of summer professional development. It directly links to this year's district initiative on assessment and the need to align all documents with the Common Core State Standards. A quality curriculum is second only to quality classroom teachers in its impact on student learning, according to *Visible Learning for Teachers: Maximizing Impact On Learning* by John Hattie.

On a similar note, **Kathleen Dye** (NMS) also finished a course on program evaluation for middle school curriculum and instruction.

Reading

A number of Newtown teachers have been engaged in Columbia University Teachers' College Reading Workshop Training. Pam Kohn (RIS) described her experience with Reading Workshop: "I attended the Columbia Reading Workshop Training in NYC this summer! It was an inspiring week-long adventure. The caliber of speakers was outstanding, and I can't wait to share some of the practices with my students and colleagues." Pam Kohn is a member of the district Professional Development Committee and frequently offers workshops based on her new learning.

Becky Virgalla (SHS) attended the K-2 Reading Workshop training offered at the Reed School for four days in July, and two weeks later, she was "privileged to attend" Reading Workshop training for grades 3-5 at Teachers' College, Columbia University for five days. She wrote, "Both were very inspirational experiences!" As a district Language Arts consultant, Becky will be working with elementary teachers in their implementation of this program.

Sandy Hook principal, Dawn Hochsprung,

summarized the work her staff has been engaged in: "For the past year, Sandy Hook teachers have been focused on increasing students' independence as learners, expanding opportunities for student discourse, and raising the level of rigor in our questioning. This summer, eighteen Sandy Hook educators participated in week-long Reading Workshop training. Most attended Newtown's Homegrown Institute in July, and several traveled to The Teachers College at Columbia University. Our faculty also read Lucy Calkins' Pathways to the Common Core. We are excited to implement all of our new learning in Sandy Hook classrooms and to share our growth with our colleagues!"

Lead Teacher, **Natalie Hammond** (SHS) affirmed the excitement and quality of the Reading Workshop.

AP Classes

Newtown High School has been adding to its Advanced Placement course offerings. Teachers who teach AP classes often attend summer sessions to update skills and content in their respective disciplines. This is the first year World Language is offering AP classes in addition to UConn courses.

Taft School hosts AP training and the following NHS teachers attended summer sessions: Paula Greenfield (AP French Language and Culture), Liz Ward-De Leon and Caroline Napoli (AP Spanish), and Rose Mikasauskas (AP Latin sessions). Caroline Napoli highlighted some specifics, "We attended a weeklong... course ... (which was) led by the College Board and provided high school Spanish educators from around the country the opportunity to learn about the current AP test format as well as the changes which will occur in the 2014 Exam. The sessions took place from 8:00am-4:00pm daily and participants discussed best practices in preparing students for the exam, and reviewed and created activities to strengthen students' skills in the three types of communication tested on the exam: intrapersonal, interpersonal, and presentational." Ms. Napoli and Mrs. Ward look forward to teaching the class and to sharing what they learned at Taft with their colleagues to work towards vertically aligning the World Language curriculum. English teachers Elizabeth Hanna (AP Language and Composition) and Jacob Thomas (AP Language and Composition) also attended the week-long AP Taft Institute.

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Assessment

Assessment is the 2012-13 focus of the district's Professional Learning Communities

that meet on early release days. Enhancing their understanding of the value of assessment, Newtown teachers were involved in various professional development



Kris Kelso

activities. Peter Bernson (RIS) spent seven days involved with Formative Assessment through the CT Science Center. Sherry Earle (NHS), Linda Gejda (Asst. Superintendent), Kris Kelso (NHS), Susan McConnell (NHS), Jaime Rivera (NHS) attended the Quality Performance Assessment Workshop from July 16-19 in Boston, Mass.

Teachers Teaching Teachers

Important learning happens when teachers coach each other in the craft of teaching. Kris Feda (SHS), Liesl Fressola (SHS), Leslie Regensburger (MGS), Tim Napolitano (RIS), Peter Bernson (RIS) and Todd Stentiford (RIS) spent two days working with teachers in the region on instructional coaching as part of the Danbury Elementary Science Instructional Coaching Academy as STEM grant participants.

Dr. Anthony Salvatore (NMS AP) renewed his T.E.A.M. Trainer "status" and TEAM paper Reviewer with the State Dept. at ACES in Hamden. TEAM is the support program for new teachers and training renewal is required for all district personnel who engage in this program. Dr. Salvatore also mentioned "professional reading is always an ongoing and lifelong activity!"

Similar to coaching, some teachers availed themselves of opportunities to learn from others. On August 10th, **Marty Swanhall** (NHS) attended EdcampCT at the Ethel Walker School in Simsbury, CT. Edcamps are unconferenced PD Days, that is, there are no hired/paid "specialists" talking about topics but instead teachers leading teachers - almost like PLCs. See http://edcamp.wikispaces.com/ for more information. He attended 4 workshops - "Staying Connected By Using Social Media"; "Symbaloo"; "Evernote" and "Using Skype In The Classroom".

Stephanie Ramsey (NHS) and **Karolyn Baumgartner** (NHS) participated in a three-day field experience and

workshop where they learned how to collect and use sediment cores from marshes. These techniques can be implemented in their AP Environmental Science classes. They also had an opportunity to learn from several scientists who do research in climate change, periphyton analysis, and sediment cores.

Grants

Grants are a way of supplementing the district professional development budget. Several grant-funded activities were mentioned previously. Eric Ekman (NHS) researched and wrote a grant to investigate the nesting/lack of nesting of Kemp's Ridley Sea Turtles on the Yucatan Peninsula. The grant was submitted through WCSU and if approved will be carried out in cooperation with the University of Guadalajara Mexico. Grant approval will be decided upon this winter. Good Luck, Eric!

Graduate School

Some teachers take to the other side of the desk: they attend graduate school.

This summer **Kathryn Buessing** (NMS) began her Masters Degree in Teaching of English at Columbia University Teachers College in the INSTEP program (Intensive Summer Education Program)! She said, "I had three wonderful classes in teaching reading, teaching writing, and bringing arts into the English classroom! I'm so excited to get back into the classroom and apply my new learning, as well as to collaborate with my colleagues on workshop methods."

Cate Brainard (NHS) was excited to share her Southern Connecticut State University summer experience that she began to become a licensed professional counselor. Cate says, "As a teacher who works primarily with students who have emotional challenges, my hope is that my graduate work will help me to more effectively address the needs of my students and result in more positive outcomes."

This summer was full of inspiring experiences for many of Newtown's teachers and administrators. Our students will benefit from their inspirations.

Article compiled by Kathy Swift & Bev Bjorklund

November 2012 Newtown Public Schools



December 7, 2012 January 18, 2013 February 15, 2013 March 1, 2013 April 12, 2013 May 3, 2013

Holidays

November 22-23, 2012 December 24 - Jan 1, 2013 January 21, 2013 February 18-19, 2013 March 29, 2013 April 15 - 19, 2013

Elementary

March 26, 27, 28, 2013 (March 27 night)

Reed Intermediate
March 26, 27, 28, 2013 (March 28 night)

Middle School March 28, 2013 (no night)

High School
March 28th, 2013 (no night)



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