

NEW MILFORD BOARD OF EDUCATION

**New Milford Public Schools
50 East Street
New Milford, Connecticut 06776**

**COMMITTEE ON LEARNING
MEETING NOTICE**

DATE: September 4, 2018
TIME: 7:30 P.M.
PLACE: Lillis Administration Building – Room 2

RECEIVED
TOWN CLERK
2018 AUG 31 A 10:42
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NEW MILFORD, CT

AGENDA

New Milford Public Schools Mission Statement

The mission of the New Milford Public Schools, a collaborative partnership of students, educators, family, and community is to prepare each and every student to compete and excel in an ever-changing world, embrace challenges with vigor, respect and appreciate the worth of every human being, and contribute to society by providing effective instruction and dynamic curriculum, offering a wide range of valuable experiences, and inspiring students to pursue their dreams and aspirations.

- 1. Call to Order**
- 2. Public Comment**

An individual may address the Board concerning any item on the agenda for the meeting subject to the following provisions:

- A. A three-minute time limit may be allocated to each speaker with a maximum of twenty minutes being set aside per meeting. The Board may, by a majority vote, cancel or adjust these time limits.
- B. If a member of the public comments about the performance of an employee or a Board member, whether positive, negative, or neutral, and whether named or not, the Board shall not respond to such comments unless the topic is an explicit item on the agenda and the employee or the Board member has been provided with the requisite notice and due process required by law. Similarly, in accordance with federal law pertaining to student confidentiality, the Board shall not respond to or otherwise discuss any comments that might be made pertaining to students.

- 3. Discussion and Possible Action**
 - A. Review and Approval of Curriculum**
 1. Computer Literacy
 2. AP Computer Science Principles
 - B. NES Grade 2 Enrollment/Class Size**

- 4. Item of Information**
 - A. Theories of Action Progress**

- 5. Public Comment**

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6. Adjourn

Sub-Committee Members: Tammy McInerney, Chairperson
Bill Dahl
Joseph Failla
J.T. Schemm

Alternates: Angela C. Chastain
Brian McCauley

Business Department Pathways

Computer Programming

- *Computer Literacy (.5)
- Intro to Computer Programming (.5)
- Business Computer Application (.5)

- *AP Computer Science Principles (1.0)

- AP Computer Science A (1.0)

- Website Design I (.5)

- Website Design II (.5)

Marketing

- Introduction to Business (.5)
- Business Computer Applications (.5)

- Marketing I (1.0)

- Marketing II (1.0)

- Business Law (.5)

- Sports and Entertainment Marketing (.5)

Finance

- Business Computer Application (.5)

- Personal Finance (.5)

- Personal Finance II (.5)

- Accounting I (1.0)

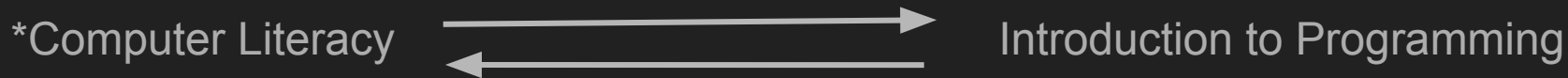
- Accounting II (1.0)

*Denotes new course

Not depicted are technology education classes. Attempting to introduce a robotics club during the 2018-19 school year through Perkins Grant funding which will eventually align to our computer programming pathway if successful.

The Practical Arts Pathway

Integrating Computer Literacy and AP Computer
Science Principles



*AP Computer Science Principles
AP Computer Science A

Website Design I
Website Design II

*New courses that were written in the updated district curriculum template.

Computer Literacy and Introduction to Programming are our introductory level courses in the computer programming pathway. Students showing proficiency and an interest in area of computer information systems have the options of taking 2 AP courses, and/or our Website Design classes.

Computer Literacy

Purpose: To replace the Keyboarding course in order to engage more of our students in relevant topics surrounding computer technology.

Highlights:

- Introduces students to computer programming
- Introduces students to website design
- Incorporates relevant current event topics related to the technology field
 - (ex. Ethics, security)
- Computer architecture, device basics
- Software application - GOOGLE Suite

Computer Literacy

Expected improvements from course:

- Overall increase of enrollment in computer programming classes
 - (both AP classes and both Website Design classes)
- Increase of female enrollment in all computer programming classes
 - (both AP classes and both Website Design classes)
- Increase enrollment in both AP classes and Website Design courses
- Increase student interest in enrolling in post secondary options related to computer programming

AP Computer Science Principles

Purpose: Introduce a complimentary AP course to AP Computer Science A which focuses on introducing students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts.

Highlights:

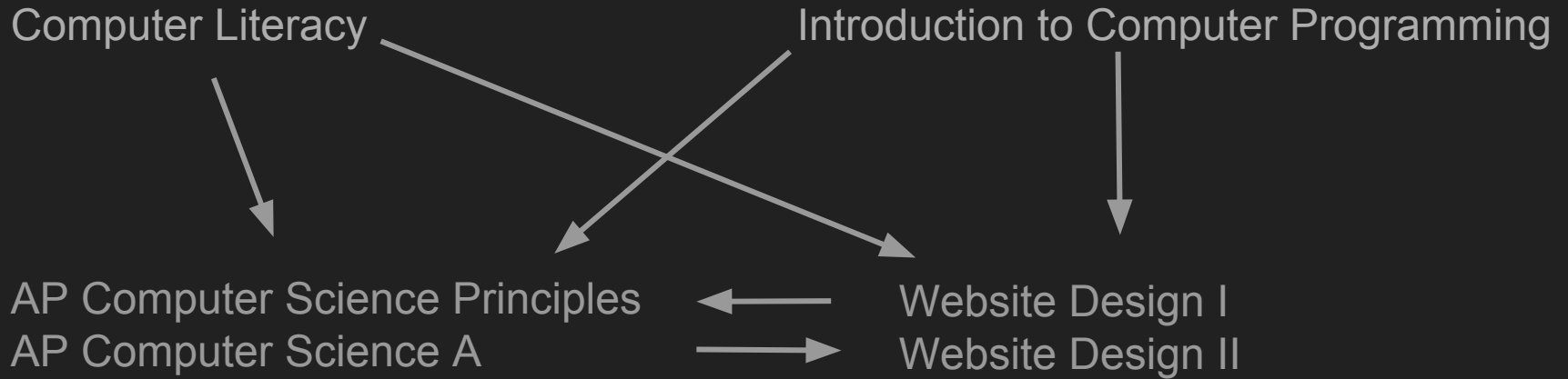
- Use of APInventor - used to create apps
- Explores the role of computing on a global scale
- Portfolio based

AP Computer Science Principles

Expected improvements from course:

- Increase enrollment in this course will lead to increased enrollment in Computer Science A.
- Increase of female enrollment in AP Computer Science courses
- Increase student interest in enrolling in post secondary schools with a computer programming major

Computer Programming Pathway



Moving From “If to Then”

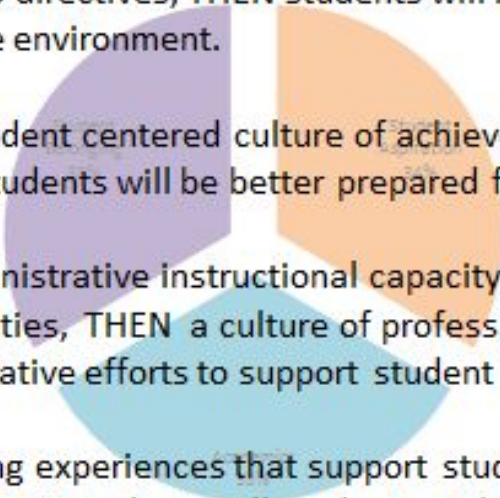
The Pathway of the 2018-2019 School Year

The Journey to Where We Are



NMPS Theories of Action

Theories of Action

- 
- IF we develop a commitment to student learning and achievement over a compliance to directives, THEN students will learn in a more flexible and adaptive environment.
 - IF we develop a student centered culture of achievement, belonging and trust THEN all students will be better prepared for lifelong success.
 - IF we develop administrative instructional capacity and teacher leadership opportunities, THEN a culture of professional learners will foster more collaborative efforts to support student learning.
 - IF we create learning experiences that support student aspirations for life beyond school THEN students will graduate with the knowledge and skills to meet the demands of the 21st century.



Moving From “If”....to “Then”:

Three Essential Components



Component 1: Improved Systems and Structures



Systems & Structures

- **Gathering routine input from teachers and administrators about areas of strength and areas of need**
 - Apply survey and focus group data with building leadership teams
- **Alignment of supervision and professional learning**
 - Ensure feedback is more directly related to expectations and need
- **Ongoing review of professional learning being implemented across all schools and throughout district**
 - Apply standards of professional learning to ensure quality



Four Fundamentals of Professional Learning

Fundamental One: Use standards (for design and learning)

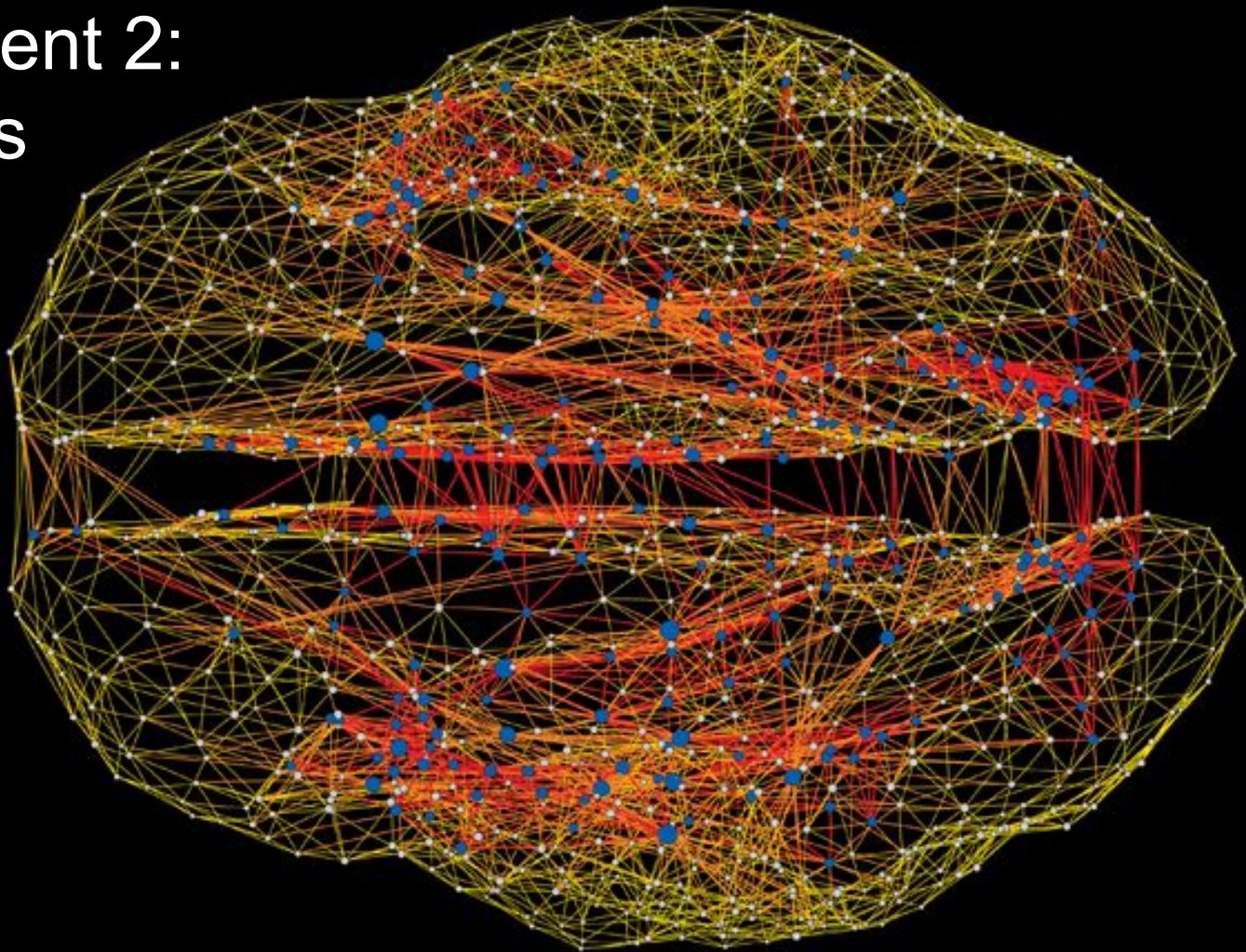
Fundamental Two: Create goals and provide high-quality feedback cycles

Fundamental Three: Apply adult-learning theory

Fundamental Four: Incorporate transformation and change research



Component 2: Networks



Improved Networks 2018-2019

- Continue to support PLC/CLT/Data Teams
- Improvements to Faculty Meeting Time
- Release time (once per month) for HEAD/LEAD Teacher
- Curriculum writing inside the school year
- TEAM Mentors training for new model
- Monthly meetings with school leadership to share best practices across schools.



KNOW THY IMPACT

- Understanding the power of being an **Assessment Capable Learner**
- Create environments for **Collective Teacher Efficacy**

WE ARE ALL BETTER TOGETHER



Hattie, 2018

Questions





Enrollment Projections by Building & Grade

HILL & PLAIN		Grade					HILL & PLAIN
		PK	K	1	2	TOTAL	
	October 1, 2017	47	106	140	113	406	
	FY 18-19 Projected	52	139	106	141	438	
	Change	5	33	-34	28	32	
	# of Teachers	7	6	7			
	Class Size	19.9	17.7	20.1			

NORTHVILLE		Grade					NORTHVILLE
		PK	K	1	2	TOTAL	
	October 1, 2017	56	126	135	140	457	
	FY 18-19 Projected	50	136	126	135	447	
	Change	-6	10	-9	-5	-10	
	# of Teachers	7	7	6			
	Class Size	19.4	18.0	22.5			

SARAH NOBLE		Grade				SARAH NOBLE
		3	4	5	TOTAL	
	October 1, 2017	272	290	315	877	
	FY 18-19 Projected	253	272	290	815	
	Change	-19	-18	-25	-62	
	# of Teachers	12	12	12		
	Class Size	21.1	22.7	24.2		

SCHAGHTICOKE		Grade				SCHAGHTICOKE
		6	7	8	TOTAL	
	October 1, 2017	325	339	343	1007	
	FY 18-19 Projected	315	325	339	979	
	Change	-10	-14	-4	-28	

NEW MILFORD HIGH SCHOOL		Grade					NEW MILFORD HIGH SCHOOL
		9	10	11	12	TOTAL	
	October 1, 2017	357	351	319	326	1353	
	FY 18-19 Projected	343	357	351	319	1370	
	Change	-14	6	32	-7	17	

DISTRICT	October 1, 2017	4100	DISTRICT
	FY 18-19 Projected	4049	
	Change	-51	

NEW MILFORD PUBLIC SCHOOLS

A collaborative partnership of students, educators, family, and community

2018-2019 Superintendent's Proposed Budget

Presented by
Joshua Smith, Superintendent
January 16, 2018

To the New Milford
BOARD OF EDUCATION

David A. Lawson, Chairperson

Tammy McInerney, Vice Chairperson

Angela C. Chastain, Secretary

Eileen P. Monaghan, Assistant Secretary

Bill Dahl

Joseph Failla

Wendy Faulenbach

Brian McCauley

J.T. Schemm

Class Size

2017-2018 Actual					2018-2019 Projected				
Enrollment	# of Classes	Avg Class Size	Staff	Program	Enrollment	# of Classes	Avg Class Size	Staff	Change
				Hill and Plain					
47				Pre-K	52				
106	7	15.1	7	Kindergarten	139	7	19.9	7	0.0
140	7	20.0	7	Grade 1	106	6	17.7	6	-1.0
113	6	18.8	6	Grade 2	141	7	20.1	7	1.0
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406	20	18.0	20		438	20	19.2	20	0.0
				NORTHVILLE					
56				Pre-K	50				
126	8	15.8	8	Kindergarten	136	7	19.4	7	-1.0
135	7	19.3	7	Grade 1	126	7	18.0	7	0.0
140	7	20.0	7	Grade 2	135	6	22.5	6	-1.0
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457	22	18.3	22		447	20	20.0	20	-2.0
				Sarah Noble					
272	13	20.9	13	Grade 3	253	12	21.1	12	-1.0
290	14	20.7	14	Grade 4	272	12	22.7	12	-2.0
315	14	22.5	14	Grade 5	290	12	24.2	12	-2.0
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877	41	21.4	41		815	36	22.6	36	-5.0
					Total Reductions PK-5				-7.0

Staffing Summary

	PK-2	SNIS	SMS	NMHS	District	Total Change
Additions			1.0 Bilingual (Mandated)			1.0
Reductions	-3 -1 NES (gr 2) -1 NES K -1 HPS K*	-5 -1 gr 3 -2 gr 4 -2 gr 5	Teacher of the Deaf* .45 Admin*			-9.45
Net change to budget	-3.0	-5.0	-0.45	0.0	0.0	-8.45

*Reductions made during the 17-18 school year

New Milford Enrollment Matrix By School

Date: 9/4/2018

NES	Actual 6/1/18	Proj 18-19	Actual 9/4/18	Proj Variance
PK	66	50	44	-6
K	129	136	144	8
1	134	126	131	5
2	141	135	139	4
Totals	470	447	458	11
Variance from 6/1/18		-23	-12	

SNIS	Actual 6/1/18	Proj 18-19	Actual 9/4/18	Proj Variance
3	270	253	261	8
4	285	272	269	-3
5	318	290	287	-3
Totals	873	815	817	2
Variance from 6/1/18		-58	-56	

HPS	Actual 6/1/18	Proj 18-19	Actual 9/4/18	Proj Variance
PK	60	52	45	-7
K	103	139	95	-44
1	137	106	103	-3
2	113	141	130	-11
Totals	413	438	373	-65
Variance from 6/1/18		25	-40	

SMS	Actual 6/1/18	Proj 18-19	Actual 9/4/18	Proj Variance
6	327	315	317	2
7	347	325	324	-1
8	339	339	345	6
Totals	1013	979	986	7
Variance from 6/1/18		-34	-27	

Actual 6/1/18	Tot Proj 18-19	Actual 9/4/18	Proj Variance
126	102	89	-13
232	275	239	-36
271	232	234	2
254	276	269	-7
883	885	831	-54
Total variance from 6/1/18	2	-52	

NMHS	Actual 6/1/18	Proj 18-19	Actual 9/4/18	Proj Variance
9	358	343	356	13
10	344	357	343	-14
11	308	351	353	2
12	326	319	288	-31
Totals	1336	1370	1340	-30
Variance from 6/1/18		34	4	

	Actual 6/1/18	Proj 18-19	Actual 9/4/18	Proj Variance	Actual Variance
PK-2	883	885	831	-54	-52
SNIS	873	815	817	2	-56
SMS	1013	979	986	7	-27
NMHS	1336	1370	1340	-30	4
Totals	4105	4049	3974	-75	-131

LHTC 10

New Milford Enrollment Matrix By School

Date: 9/4/2018

NES Class Sizes

Total

PK	23	21				44
K	18	18	18	18		144
	18	18	18	18		
1	19	18	19	18		131
	19	19	19			
2	24	23	23	23		139
	23	23				

School Totals 458

SNIS Class Sizes

3	22	22	23			261
	21	22	22			
	22	22	21			
	22	21	21			
4	23	23	22			269
	22	22	22			
	22	23	23			
	22	23	22			
5	24	24	24			287
	24	24	24			
	24	24	24			
	23	24	24			

School Totals 817

HPS Class Sizes

Total

PK	21	24				45
K	16	16	16	15		95
	16	16				
1	18	17	16	17		103
	18	17				
2	19	19	19	18		130
	18	19	18			

School Totals 373