

NEW MILFORD BOARD OF EDUCATION
New Milford Public Schools
50 East Street
New Milford, Connecticut 06776

COMMITTEE ON LEARNING
SPECIAL MEETING NOTICE

DATE:	August 1, 2017
TIME:	6:45 P.M.
PLACE:	Lillis Administration Building – Room 2

RECEIVED
TOWN CLERK
2017 JUL 27 P 12:05
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. Presentation**
 - A. TAG and Enrichment
- 4. Discussion and Possible Action**
 - A. Theories of Action
- 5. Public Comment**

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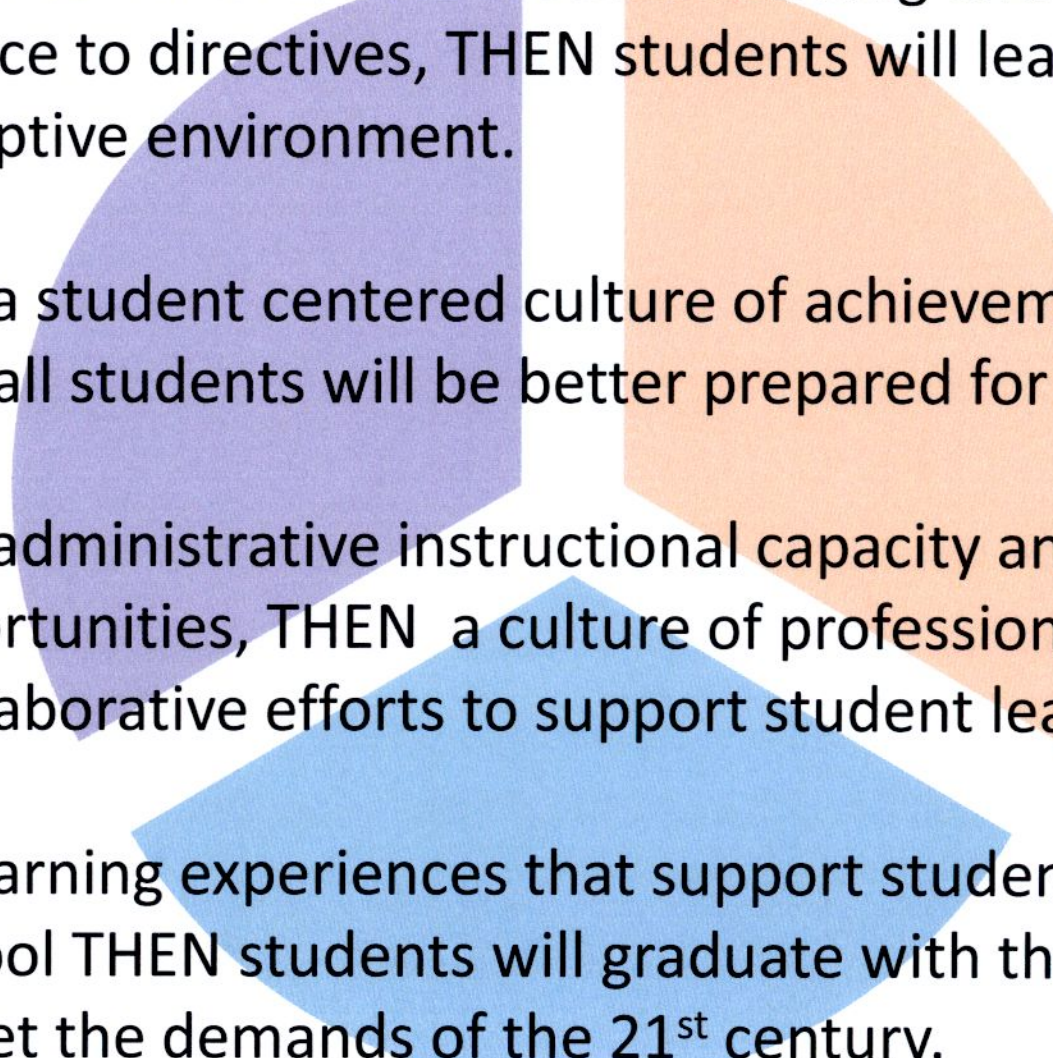
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6. Adjourn

Sub-Committee Members: Tammy McInerney, Chairperson
Bill Dahl
Dave Littlefield
J.T. Schemm

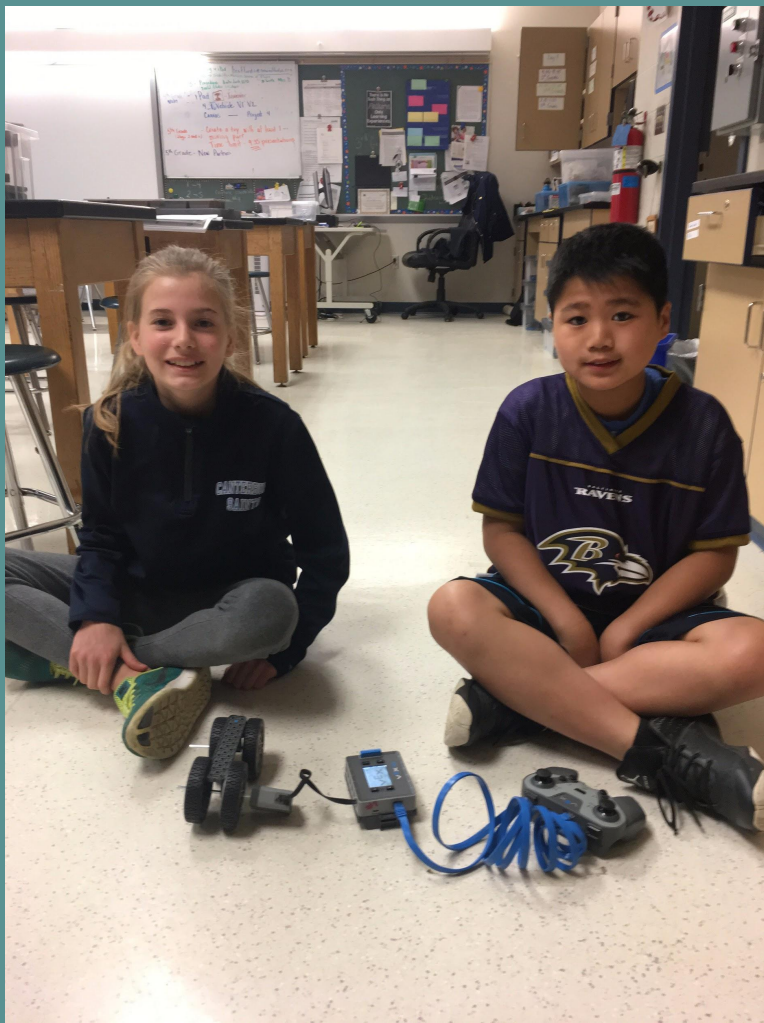
Alternates: Brian McCauley
Angela C. Chastain

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.

K-5 Science Enrichment New Milford Public Schools 2016-17

Year End Review



Year 2 Goal - Enhance and extend learning in STEM through problem based learning activities for high achieving students in grades K-5

Year 1 2015-16

Project Lead the Way Courses (PLTW)

- Kindergarten - No Courses offered
- 1st Grade - 1 Course
- 2nd Grade - 1 Course
- 3rd Grade - No Courses offered
- 4th Grade - 1 Course
- 5th Grade - 1 Course 1 Section of Robotics

Computer Science

- Hour of Code - SNIS
- 2nd Grade HPS

4 PLTW Courses - 6 Sections

App. 55 Students

Project Lead the Way Courses (PLTW)

- Kindergarten - 1 Course
- First Grade - 2 Courses (1 new)
- Second Grade - 2 Courses (1 new)
- Third Grade - 2 Courses (2 new)
- Fourth Grade - 2 Courses (1 new)
- Fifth Grade - 1 Course 3 Sections (1 new)

Computer Science

- Hour of Code
 - School-wide at SNIS
 - Grade 2 at HPS and NES
- After school clubs grades 3, 4, and 5

Technology

- Little Bits workshop -5th graders from Robotics Courses

PLTW Stats

10 PLTW Courses - 16 Sections

164 Students

45% Female 55% Male

STEM Skills

Problem Solving

Communication

Science Notebooking

Diagramming

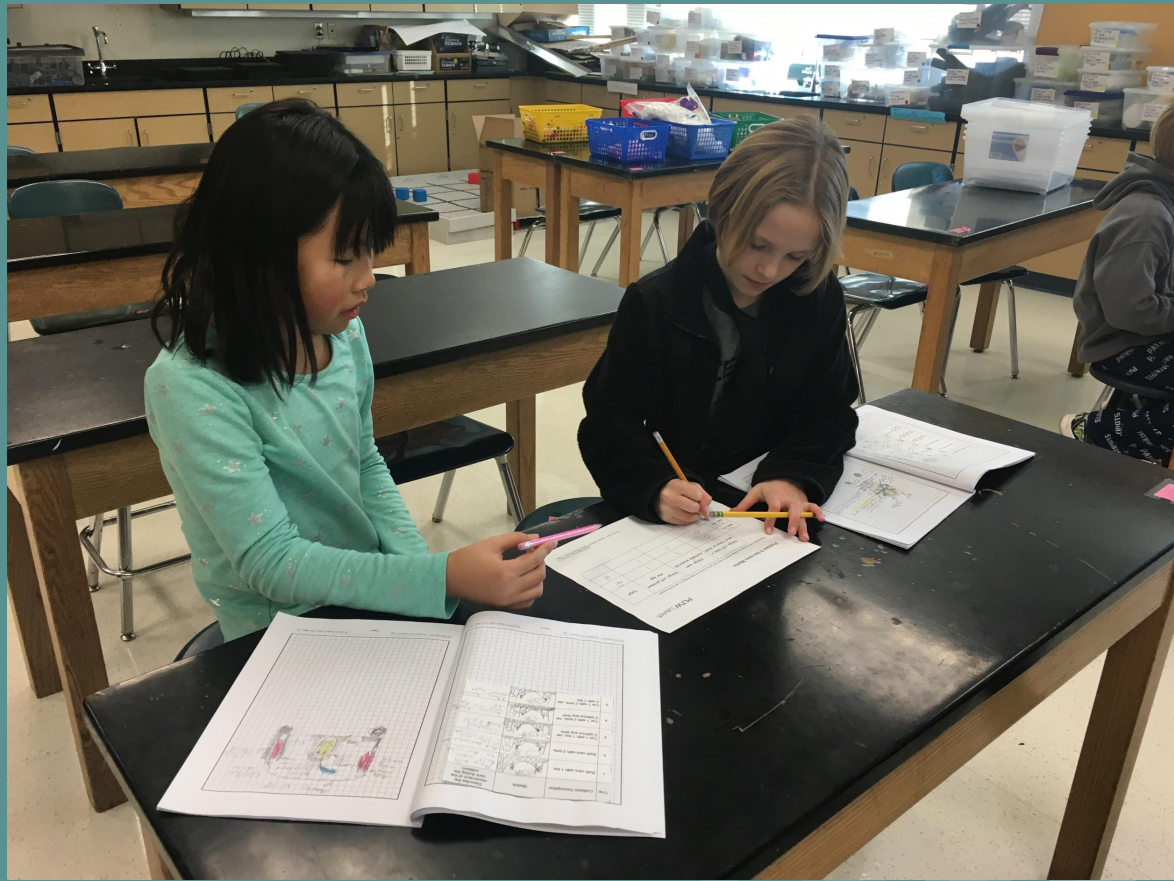
Data Collection

Collaboration

Building Models

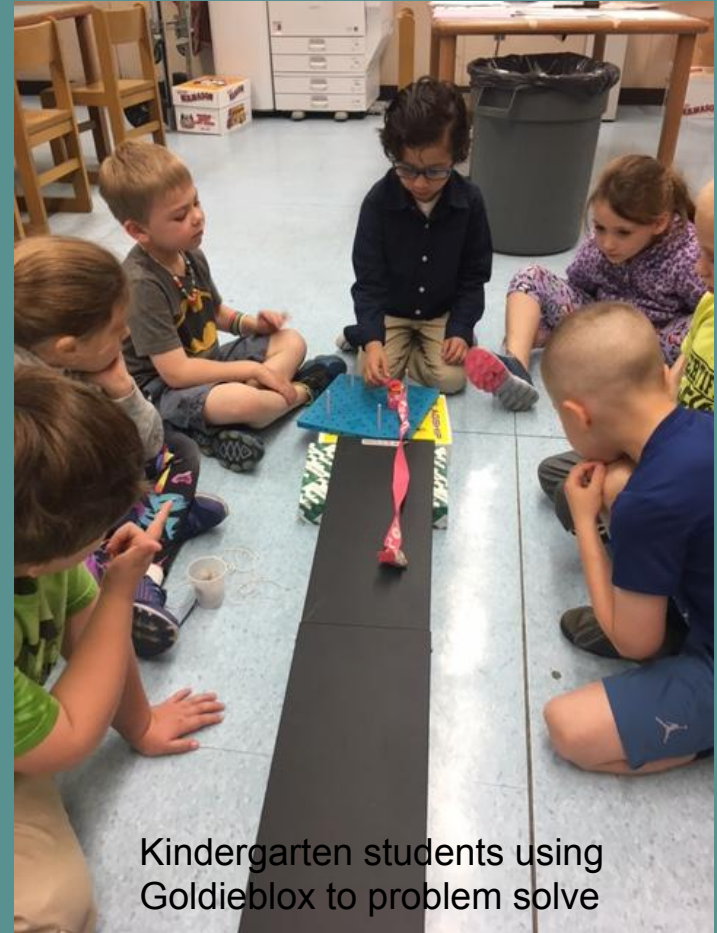
Arguing From Evidence

Curiosity



Kindergarten

Introduced Pushes and Pulls course at Kindergarten level in both HPS and NES with a total of 18 students.



Kindergarten students using Goldieblox to problem solve

First Grade

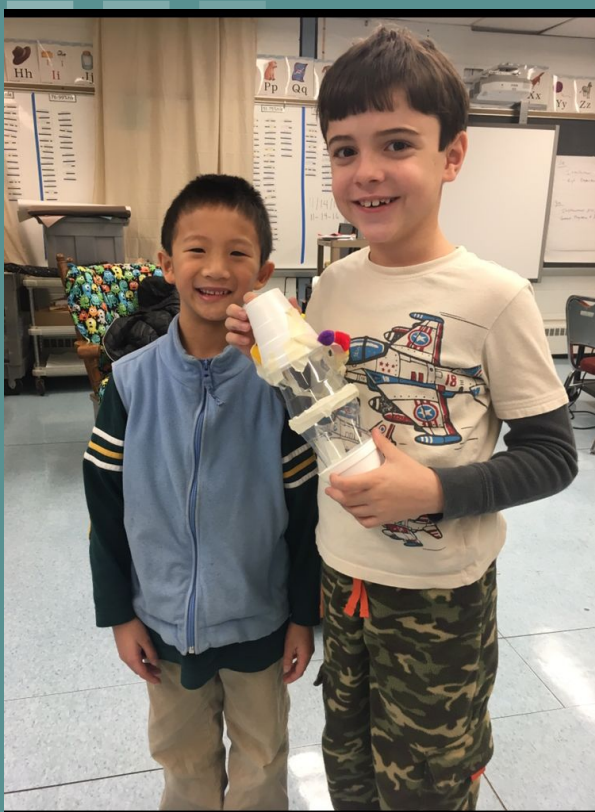


Fall Course: Light and Sound - 16 Students
Spring Course: Animated Storytelling - 20 Students



Second Grade

Spring: The Changing Earth - 23 Students



Fall: Properties of Materials - 22 Students

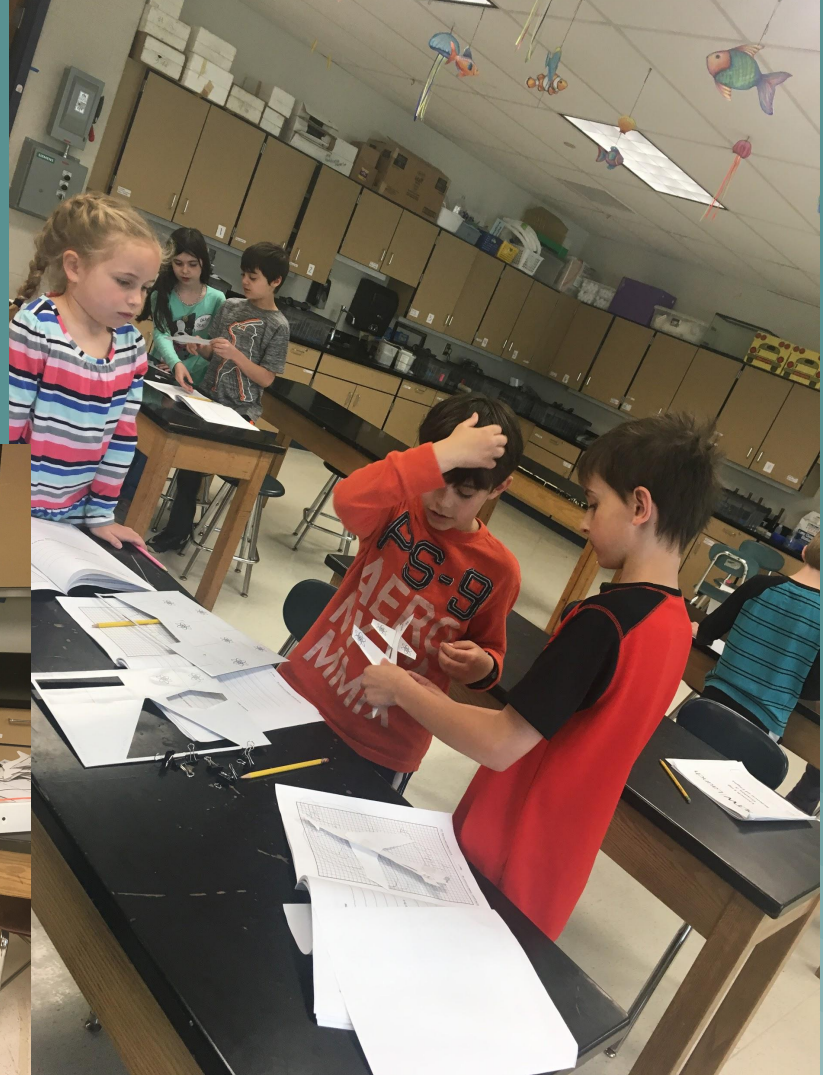
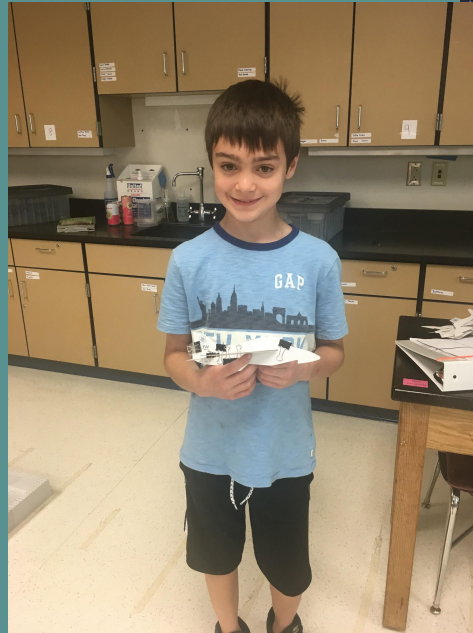


Third Grade

Spring: Stability and
Motion Forces of Flight -
12 Students



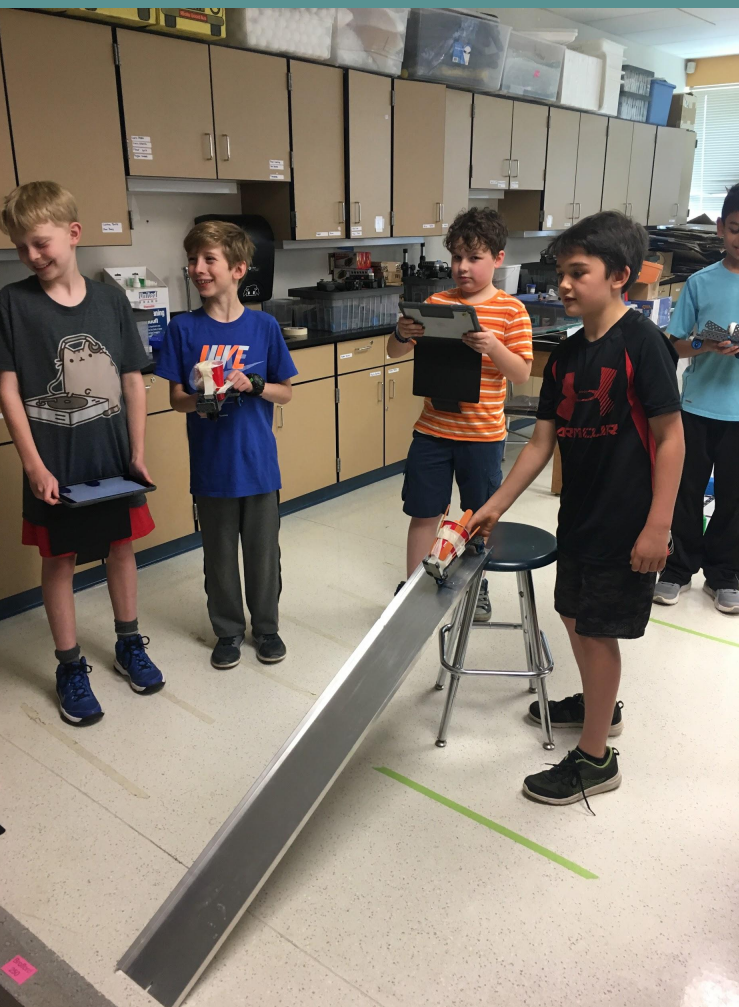
Fall: Forces and
Interactions Simple and
Compound Machines -
16 Students



Fourth Grade: Energy Collisions

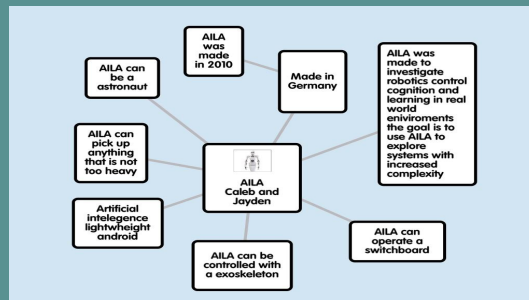
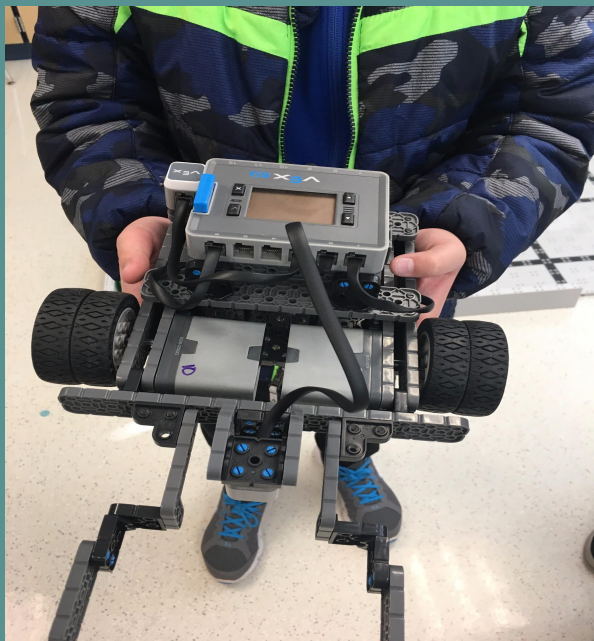
Fall - 16 Students

Spring - 16 Students



Fifth Grade: Robotics

40 Students in 3 Sections

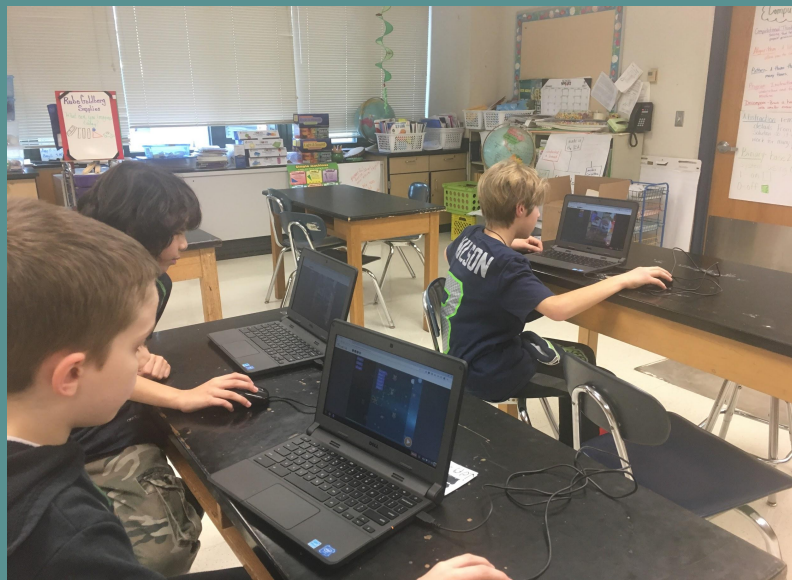


Collaboration with Classroom Teachers to create NGSS aligned units which I modeled and they will teach in the future.

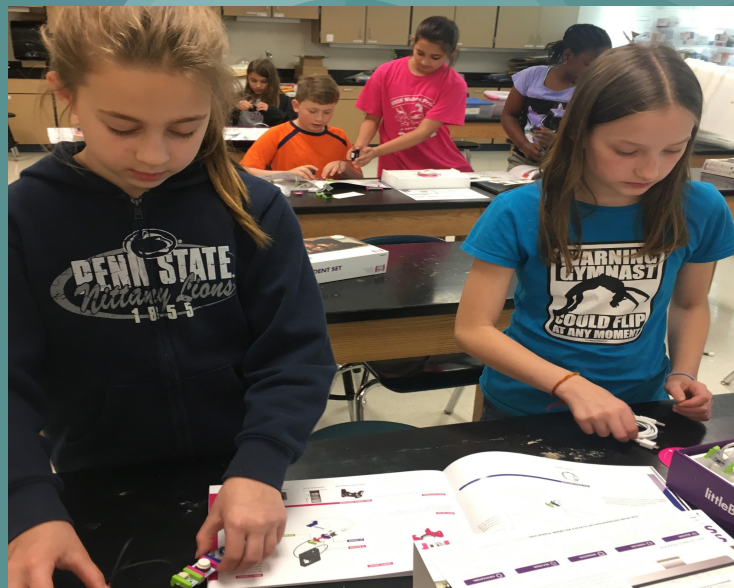
Mrs. Szigetti's class in the lab!



Clubs



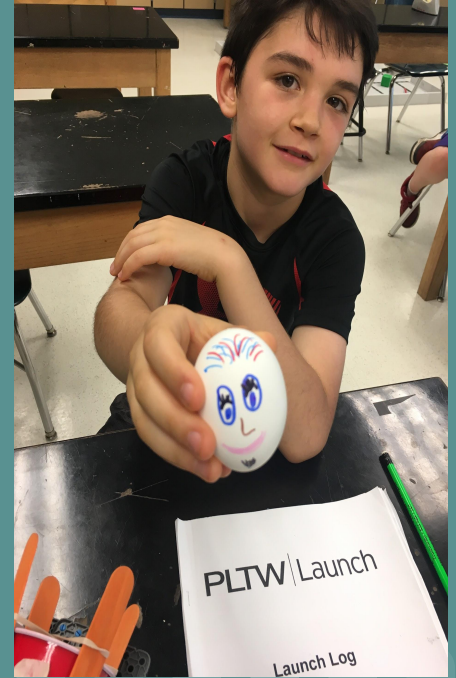
Computer Science Clubs
After school by grade level with 10 sessions for each grade limited to 24 students per section.



Recess STEM Club
5th grade Robotics students interested in design challenges using Little Bits kits.

Family Science Nights







Gifted Education in NMPS



An Informed Overview



Gifted Education in New Milford Public Schools

For our New Milford Public Schools students,
our Talented and Gifted program plans interactive,
engaging, enriching activities and programming
to promote the diverse and distinct talents exhibited
by our student population.

Role of TAG teacher

1. Identify students with high potential. Then, develop or modify enrichments and curriculum extensions in response to their needs.
2. Identify and provide the training and curriculum needed to prepare teachers to differentiate for TAG students.
3. Structure gifted services to be sustainable.
4. Facilitate frequent and ongoing communication with TAG students and stakeholders.

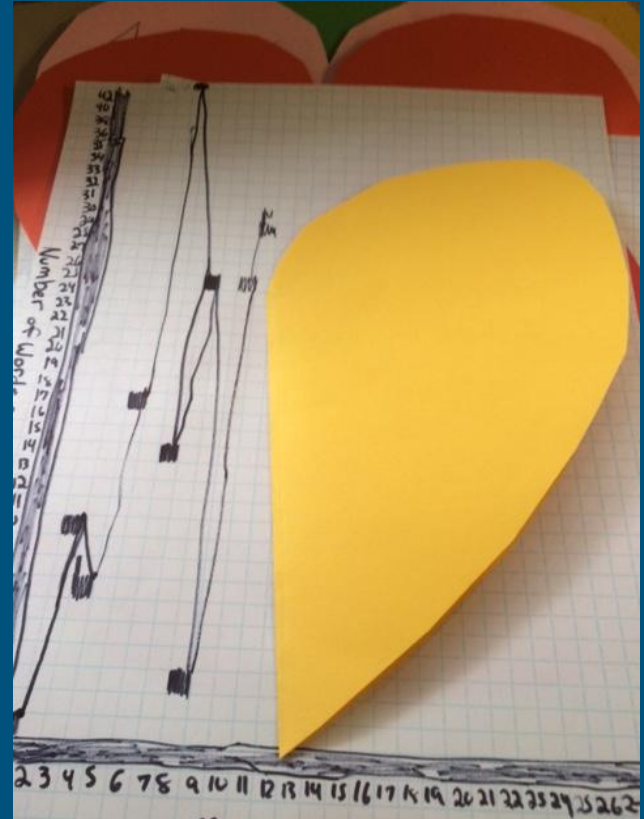
Additional considerations

1. Nurture the social and emotional well-being of talented and gifted students by recognizing their individual strengths and learning styles.
2. Identify and support TAG students of diverse backgrounds.
3. Design standards-based programs that connect and overlap with fine arts and subject-based curriculum.
4. Empower families and stakeholders with necessary and timely resources regarding TAG.

Gifted Education in New Milford Public Schools



- Student input



Gifted Education in New Milford Public Schools



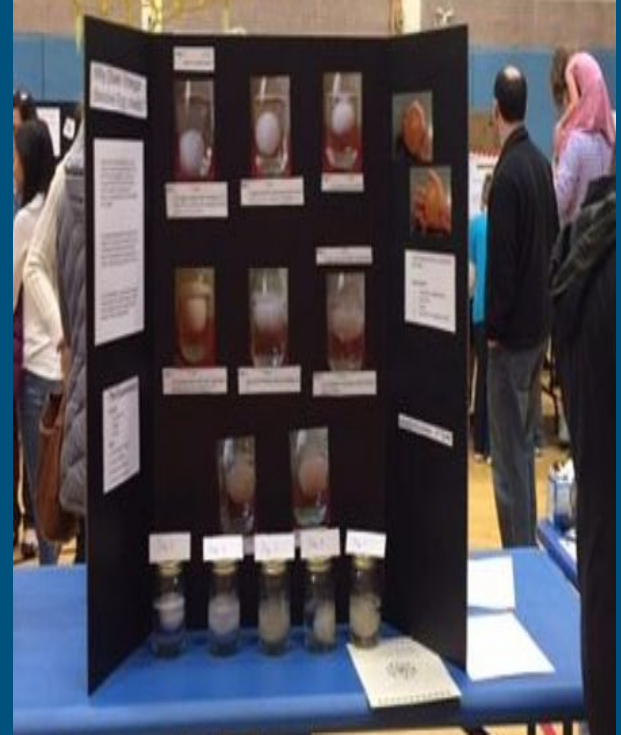
- Student input
- Student interest



Gifted Education in New Milford Public Schools



- Student input
- Student interest
- Student readiness



Gifted Education in New Milford Public Schools



- Student input
- Student interest
- Student readiness
- Student interaction



Gifted Education in New Milford Public Schools 2016-2017 Program of Events

2016-2017

- Initially planned for 24 program offerings for TAG and high achieving, non-identified students

Gifted Education in New Milford Public Schools 2016-2017 Program of Events

TAG PROGRAM TITLE/ MONTH		AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY
WE ALL WILL MOSTLY BE HERE		SMS	SMS								
PIXAR IN A BOX		SNIS	SNIS								
WORLD WIDE DESIGN			SMS	SMS							
FULLER ORIGAMI			SMS/SNIS	SMS/SNIS							
MOCK TRIAL			SMS								
GLOBAL LITERACY INITIATIVES				SMS	SMS	SMS					
ART ENRICHMENT: CLAY				SNIS							
WONDER: LIFE AND DESIGN				SNIS	SNIS						
MUSIC ENRICHMENT				SNIS	SNIS	SNIS					
TO BE CONTINUED...GRAPHIC NOVELS					SMS	SMS					
HISTORIC DESIGN, MODERN DENOTION					SMS	SMS					
MATH OLYMPIADS					SNIS	SNIS	SNIS	SNIS	SNIS		
POETRY							SNIS	SNIS			
ART ENRICHMENT: PASTELS							SMS	SMS			
DYNAMIC ATTRACTIONS								SMS/SNIS			
SEEDED: GASTROMOLOECULAR FARMING								SMS/SNIS	SMS/SNIS		
STOCK MARKET								SNIS	SNIS	SNIS	
DEBUG: CODING AND INSECTS										SMS/SNIS	SMS/SNIS
DIGGING ARTI(FACTS)										SNIS	SNIS
LITERATURE ENRICHMENT									SMS	SMS	SMS
stump the astronomers						DEC 1ST					
Mitch the scientist				Oct 1-15 one day							

Gifted Education in New Milford Public Schools 2016-2017 Program of Events

2016-2017

- Initially planned 24 program offerings for TAG and high achieving, non-identified students
- Actually offered 29 student programs for TAG and high achieving, non-identified students

Gifted Education in New Milford Public Schools 2016-2017 Program of Events

2016-2017

- Initially planned 24 program offerings for TAG and high achieving, non-identified students.
- Actually, offered 29 student programs for TAG and high achieving, non-identified students.

2017-2018

- Beginning school year with 26 program offerings

Gifted Education in New Milford Public Schools 2016-2017 Program of Events



Drawing



Gifted Education in New Milford Public Schools 2016-2017 Program of Events



Gifted Education in New Milford Public Schools 2017-2018

Continue to make ongoing
improvements to the
NMPSTAG.COM website



Gifted Education in New Milford Public Schools 2017-2018

Continue to make ongoing
improvements to the
NMPSTAG.COM website

Started in April

Carry multitudes of poetry within **your own verses**

Scientific process video for **Lemon Clouds**

More on the visualization of music with **patatap**

World Oceans Day **information** and **contest**

Lifecycle of the butterfly

"A Moral about **How to Live Life, a Lesson**" Flo-fable

"A History So Rich" Navajo Flo

Daily Science

Started in May

Enrichments for **self-directed advancement** especially for math students

Here's looking at you, **maths**

Get a (new) job techie

Why I Read

Future Planning for MIM Events - **dates!**

Soundscapes - thank you 4th graders!

Dig! (arti) Facts - Session 1

WCGTC weekly - useful for students, teachers, parents, stakeholders

Smithsonian **learning videos** - science!

Endangered animals recently less endangered?

Wow in the World podcast

Connecticut Summer Math Challenge

Connecticut Summer Reading Challenge

Riddles to enjoy!

Gifted Education in New Milford Public Schools 2017-2018

- Continue to make ongoing improvements to the [NMPSTAG.COM](https://nmpstag.com) website
 - NMPS TAG newsletter quarterly

Gifted Education in New Milford Public Schools 2017-2018

- Continue to make ongoing improvements to the NMPSTAG.COM website
 - NMPS TAG newsletter quarterly
- Update NMPS TAG plan based on recent Connecticut legislation regarding talented and gifted ([Public Act No. 17-82](#))

Public Act No. 17-82

- Took effect on July 1, 2017
- Should ensure that all high-ability students in our state receive appropriate services, no matter what their school's zip code
- Requires the Commissioner of Education to designate an expert staff member to be responsible for providing assistance to educators and parents regarding identification and provision of services to Connecticut's gifted and talented students
- Requires the Department of Education to develop "best practices" guidelines for academic and social-emotional services to gifted and talented students, as well as professional development for teachers

Gifted Education in New Milford Public Schools

We look forward to meeting and working in collaboration with parents and stakeholders

to share relevant TAG information,

concise facts,

informed data,

and current policies.

Thank you for your time and continued support for NMPS TAG

Yvonne de St. Croix

destcroixy@newmilfordps.org

www.nmpstag.com

[World Conference Presentation](#)

