

**GROTON PUBLIC SCHOOLS  
GROTON, CONNECTICUT**

(\*Attachments are available upon request from the Superintendent's Office.)

**Regular Meeting**

**January 27, 2020**

The regular meeting of the Groton Board of Education was held on January 27, 2020, in the CR 1 of the Town Hall Annex.

**I. CALL TO ORDER**

The meeting was called to order by Mrs. Kim Watson, Board Chairperson, at 6:00 p.m.

The first order of business was the Pledge of Allegiance to the flag by Andrew Lefebvre.

**PRESENT**

Mrs. Kim Shepardson Watson  
Dr. Andrea Ackerman  
Mrs. Jane Giulini  
Mrs. Gretchen Newsome  
Mrs. Rita Volkmann  
Mrs. Lee White  
Mr. Jay Weitlauf

**ABSENT**

Mrs. Elizabeth Porter  
Mrs. Rosemary Robertson

Dr. Michael Graner, Superintendent of Schools  
Ms. Susan Austin, Assistant Superintendent of Schools  
Mr. Samuel Kilpatrick, Director of Buildings and Grounds  
Mr. Ken Knight, Business Manager  
Miss Addie Clark, Student Representative

**B. RECOGNITION AND PARTICIPATION AND DELEGATIONS**

NONE

**C. COMMENTS FROM CITIZENS**

NONE

**II. RESPONSE TO COMMENTS FROM CITIZENS**

NONE

**Regular Meeting**

**January 27, 2020**

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**III. STUDENT REPRESENTATIVE REPORT**

Updates from Last Meeting:

- Midterms were completed today, Monday, January 27, 2020. This marks the end of the second quarter and the closing of semester one.
- More Than Words and Amphora had a diversity dinner on January 10, 2020. Students were able to bring in food from their culture and perform at an open mic.

Class Council Update:

- Seniors: Seniors are finishing up a chocolate bar fundraiser and are planning for the annual even to of Mr. Falcon.
- Juniors: Juniors are preparing to buy snack boxes for a fundraiser. They are also starting to plan for their May 9, 2020 Mother's Day Breakfast and for Junior Prom which is scheduled for May 16, 2020.
- Sophomores: Sophomores are continuing to plan and brainstorm fundraisers.
- Freshmen: Freshmen are continuing to brainstorm fundraisers.

More than Words:

- More Than Words is currently working with the administration and staff to schedule future Professional Development opportunities.
- There will be an upcoming full More Than Words meeting in February, where the More Than Words clubs from Fitch, New London, and Ledyard will all get together to discuss the climates and future opportunities at their respective schools.

Student Section at Fitch Sports Games:

- Seniors Max Grossman, Molly Bresnahan, and Will Miner have taken charge of organizing a student section for the Fitch basketball games. They have created social media accounts to notify students on upcoming games, and have created different themes for each event.
- The next games is on Tuesday, January 28, 2020. The Varsity Boys Basketball is playing against East Lyme and the student section is encouraged to wear Fitch gear.

Tri-M Music Honor Society:

- The Tri-M Music Honor Society is a talent show where students can show their talent. They will be putting on a performance on March 6, 2020, at 7:00 p.m., in the FHS Auditorium.

Fitch Drama Club:

- The Fitch Drama Club has casted their production of *The Addams Family*, and has begun rehearsals.

Fitch Athletic Updates:

- On January 25, 2020 the Fitch Cheerleading Varsity Division won 2<sup>nd</sup> place at a competition and the JV division won 1<sup>st</sup> place.
- The Girls' basketball fell to East Lyme 49-34 on January 24, 2020.
- The Boys basketball defeated Woodstock Academy 49-44 on January 24, 2020. The team is now undefeated at 11-0.
- On January 22, 2020 Wrestling defeated Bacon Academy 66-12.

### III. STUDENT REPRESENTATIVE REPORT – cont.

#### School Update Report:

- Charles Barnum:
  - Barnum participated in the Winter Strings concert, but postponed the Band and Chorus concert until January because of the snowstorm.
  - Students can participate in a wide variety of winter clubs at Barnum. Some of the clubs that are available are the cubing club, Playmaker club, morning indoor soccer, hiking club, winter sports club, and also the opportunity to write poetry.
  - Stuff will be participating in Team Building activities including playing beach volleyball, at the Sandbox during a February afternoon session.
- Claude Chester:
  - Claude Chester expanded the school garden. The after school club Sprout Scouts painted the garden beds which brightened up the space. CC is hoping to create an outside teaching space within the garden area as well as explore the concept of making a Smart Garden.
  - Claude Chester provided 186 breakfast bags to student who signed up over the December break.
  - Claude Chester is in the middle of a Kindness Challenge. Whenever students, staff, or teachers demonstrate Kindness, a heart is colored in on a hundreds chart which are posted in every room and office. The charts will be shared and celebrated at the February Whole School Morning Meeting.
- Mary Morrisson:
  - Mary Morrisson School hosted author Phil Bildner as an **Author in Resident**, on Friday, January 10, 2020. Phil was a public school teacher in NYC and has written many books, including picture books and several series, including the Rip and Red series that Mary Morrisson 5<sup>th</sup> graders have been enjoying. Our teachers and students in grades 3-5 enjoyed a very energetic and enthusiastic presentation on what it is like to be an author. The fifth grade workshop also included a focus on writing!
  - Mary Morrisson also is celebrating a community-wide Ribbon Cutting officially opening of our School-Based Health Center (SBHC). School-Based Health Centers are comprehensive primary care facilities located in or on the grounds of schools. They are licensed by the Department of Public Health as outpatient or hospital satellite clinics. Our new SBHC assures that all of our students, particularly those that are uninsured and underinsured, have access to comprehensive health and preventative services needed to be healthy, in school, and ready-to-learn!
- Northeast Academy:
  - The 4<sup>th</sup> grade drama production of “The Grinch” was a huge success. Two performances were held for families and the community. One performance was held for the entire school audience. Next on the docket is the 5<sup>th</sup> grade play which will begin casting in the near future.

### III. STUDENT REPRESENTATIVE REPORT – cont.

- Mr. Chaney, Mrs. Stevenson (string teacher) and Mr. Menacho (art teacher) will be joining two fifth grade students, Aleena Ahmed and Angelis Scott, at the 21<sup>st</sup> Annual Elementary Celebration of the Arts at the Aqua Turf in Southington on February 11, 2020. This Connecticut Association of Schools event is meant to recognize students at the elementary level with outstanding ability in the performing or visual arts. We are so excited to go and plan to do this on a yearly basis to celebrate just a few of our most talented artists.
- West Side STEM Magnet Middle School:
  - Throughout January, our 7<sup>th</sup> graders have been participating on the Young Manufactures Academy during some of their science classes. This program offers hands-on- STEM activities and is sponsored by the Connecticut Center for Advanced Technology.
  - Both the girls and boys basketball teams are into their seasons. The boys are currently undefeated.
  - Auditions for “Hairspray Jr.” took place on January 8, 2020.
  - Algebra 1 mid-term exams are scheduled for January 28, 2020.
  - Sports Day is scheduled for January 31, 2020. Students will be encouraged to wear their favorite sports hat or jersey and donate \$1.00. Funds raised on this day will help build The Miracle League Field in East Lyme. This field will support children with physical, cognitive and developmental challenges, and enable them to participate in sports of all kinds in a welcoming, non-competitive atmosphere.
  - West Side received excellent news from the State in early January, finding out that their physical fitness scores, particularly in Grade 8, had exceeded the State average.
  - Our Advisory groups which meet every Friday were all challenged with collecting canned and non-perishable foods for the Malta Homeless Outreach Organization. We were able to collect a large number of donations from our students and it has been donated to Malta’s food pantry.

### IV. SUPERINTENDENT AND ADMINISTRATION REPORTS

#### A. SUPERINTENDENT REPORT

1. Dr. Graner noted that the committee is two weeks away for finalizing the middle school schedule; that he, Ms. Austin, and Mrs. LePine are working on staffing; and that they will set up a series of outreach meetings with parents. Dr. Graner also noted that sheetrocking will be completed by the end of the week at the Groton Middle School and then the painting will begin.

#### B. REPORTS AND INFORMATION FROM THE STAFF

1. Assistant Superintendent Report [ATTACHMENTS #1, 2]
  - a. Alliance District Spend Plan – Ms. Austin shared and explained the ESSA Milestones for the Groton School District. Board members requested actual data for Groton regarding ESSA Milestones. Ms. Austin gave a PowerPoint presentation of the Alliance District Plan 2019-2020.

**B. REPORTS AND INFORMATION FROM THE STAFF – cont.**

**2. Business Office Report [ATTACHMENTS #2]**

➤ **Object Code Summary**

Ken Knight gave an overview of the Object Code Summary dated January 20, 2020 showing an unexpended balance of \$84,593.

➤ **Update re: Health Insurance Report**

Ken Knight noted that the Health Insurance Report was unavailable.

➤ **Director of Buildings and Grounds Report**

**Groton 2020:**

- Mr. Kilpatrick noted that 15-20 sheetrockers were brought in to do the sheet rocking at the Groton Middle Schools.
- Mr. Kilpatrick noted that he will be going to Hartford on February 26, 2020 for phase 3 to meet with OSCGR for FF&E (Furniture, Fixtures & Equipment) and Technology.
- Mr. Kilpatrick noted that he will meet with Mr. Dagastino on Wednesday regarding security issues.
- Mr. Kilpatrick noted that on January 25, 2020 there was a pre-bid meeting with 60 contractors attending on the CMS project. The bids are due by February 4, 2020.
- Mr. Kilpatrick noted that on February 4, 2020 there will be a pre-bid meeting on the WSM project. The bids are due by February 18, 2020.

**IV. COMMITTEE REPORTS**

1. Finance/Facilities Committee:

There was no report.

2. Policy Committee:

There was no report.

3. Curriculum Committee:

Dr. Ackerman noted that the Curriculum Committee met on Monday and that Mr. Lefebvre and Mrs. Donovan attended regarding their respective courses.

5. LEARN:

Mrs. Volkmann noted that the Regular Board of LEARN met and noted:

- The Dual Language Middle School will no longer be based in New London. Groton seats will be moved to Goodwin University in Hartford.
- Dr. Spira, Principal of the Marine Science Magnet School, has resigned. He is now head of the ISSAC School.
- The Birth to 3 program will not be operated by LESRN next year.
- Ocean Avenue Learning Center will be reorganized.
- LEARN has received the fiscal report and Kate Erickson did a New Board Orientation.

**IV. COMMITTEE REPORTS - cont.**

6. Town & City Councils/RTM/Board Liaison Committee:  
There was no report.
7. GEA/AGSA/BOE Liaison Committee:  
Mrs. Watson noted that the GEA/AGSA/BOE Liaison Committee met. Mrs. Watson stated that the GEA made a request that the Board reconsider the school calendar. Mrs. Watson noted that the GEA noted that teachers are being pulled out of school and that there are not enough substitutes. It was also noted that the special education numbers are increasing.

Several of these issues will be discussed at a COW meeting,

8. Groton Scholarship:  
There was no report.
9. Trails Liaison:  
There was no report.

**V. ACTION ITEMS**

**A. CONSENT CALENDAR**

**A. RESOLUTION ACCEPTING BOARD MINUTES**

RESOLVED, that the regular meeting minutes of December 16, 2019 and Special meeting minutes of January 6, 13, 21 (Public Hearing and Budget Work session), 2020, is hereby accepted.

**RESOLUTION OF GIFTS**

- YourCause, LLC Trustee for Wells Fargo Foundation Educational Marching Gifts Program (Michelle Ezell-Adkins) has made a donation of \$120.00 to Claude Chester School.
- YourCause, LLC Trustee for Wells Fargo Foundation Educational Marching Gifts Program (Michelle Ezell-Adkins) has made a matching donation of \$120.00 to Claude Chester School.
- Mr. and Mrs. Edward Johnson has made a donation of \$10.00 to the Claude Chester School Breakfast Program.
- Noank Baptist Church has made a donation of \$150.00 to the Claude Chester School Breakfast Program.
- Christine Johnson has made a donation of \$25.00 to the Claude Chester School Breakfast Program.
- Exxon/Mobil Educational Alliance Program has made a donation of \$500.00 to Charles Barnum School.

MOTION: White, Giulini:

To approve the Consent Calendar.  
**PASSED – UNANIMOUSLY**

**B. Old Business**

1. Discussion and possible action regarding a second reading of policy P 5141.213 Emergency Administration of Naloxone (**Attachment #4**)

MOTION: White, Volkmann: To approve as a second reading of policy P 5141.213 Emergency Administration of Naloxone  
**PASSED - UNANIMOUSLY**

**C. New Business**

1. Manufacturing Program Overview [**ATTACHMENT #5**]

Ms. Erin McGuire, Assistant Principal at Fitch High School, gave a PowerPoint of Career Pathway Program at the high school.

2. Update on Teacher Survey results for Magnet Themes [**ATTACHMENT #6**]

Ms. Austin gave a PowerPoint presentation of the Teacher Survey results for Magnet Themes. She noted that 186 elementary teachers responded.

3. Discussion and possible action regarding the approval of a field trip request to a FIRST Robotics Competition in Ottawa, Canada scheduled for March 13, 2020 – March 16, 2020.

MOTION: Volkmann, Ackerman:

To approve the field trip request to a FIRST Robotics Competition in Ottawa, Canada scheduled for March 13, 2020 – March 16, 2020.

**PASSED - UNANIMOUSLY**

4. Discussion and possible action regarding the approval of the IB Global Politics course.

MOTION: Weitlauf, Giulini: To approve the IB Global Politics course.  
**PASSED - UNANIMOUSLY**

5. Discussion and possible action regarding the approval of the IB Music course.

MOTION: Volkmann, Newsome: To approve the IB Music course.  
**PASSED - UNANIMOUSLY**

**A. LETTERS, COMMUNICATIONS, AND COMMENTS**

1. Mrs. Giulini noted that she was invited to join the Democratic Town Committee and that she was voted in.
2. Dr. Ackman noted that the Martin Luther King Scholarship ecumenical service was held on Sunday, January 19, 2020 at St. James Episcopal Church in New London.
3. Mr. Weitlauf noted the following:
  - a. That he was asked by a parent when the dishwashers metal silverware were removed and we went to paper, are we distressing the rain forest.
  - b. That a parent had asked what does the MYP program cost.
4. Mrs. White noted the following:
  - a. That she attended the Martin Luther King Scholarship ecumenical service was held on Sunday, January 19, 2020 at St. James Episcopal Church in New London.
  - b. That she went to the Health Office.
5. Mrs. Volkmann noted the following:
  - a. That she attended the Martin Luther King Scholarship ecumenical service was held on Sunday, January 19, 2020 at St. James Episcopal Church in New London.
  - b. She addressed comments made at the Public Hearing on the budget:
    - o Handicap upgrades to the Football field. (Referral Item)
    - o Lights on the back of the building for the Band
    - o Upgrade the facilities
    - o Middle School Sports – She suggested having 2 teams. (Referral Item)
    - o Tutors in Foreign Language; use Alliance funds
    - o Turf Field
6. Mrs. Watson noted the following:
  - a. Board members received an e-mail regarding Robotics.
  - b. E-mail regarding the fields.
  - c. She was asked by Mrs. Porter to share with the Board that 14 CMS students will participate in History Day.
  - d. She noted the Volunteer Hours for the month of December – there were 1001.5 Volunteer Hours.

**VII. ADVANCE PLANNING**

**A. Future Meeting Dates and Calendar Items**

As noted in the agenda.

Dr. Graner noted that the Joint Meeting with the Town Council and RTM scheduled for February 5, 2020 will be held at 6:30 p.m., at the Town Hall Annex.

**B. Suggested Agenda Items**

**VIII. ADJOURNMENT**

MOTION: Ackerman, Newsome:

To adjourn at 8:15 p.m.

**PASSED - UNANIMOUSLY**

## ESSA Milestones - Groton School District

These milestones align with Connecticut's [approved federal plan](#) for the Every Student Succeeds Act (ESSA). The plan establishes a 13-year time-frame for the attainment of long-term goals listed below. These goals are identical to some of the indicators in Connecticut's [Next Generation Accountability System](#) for districts/schools. Based on performance in the baseline year (first column) and the ultimate target (last column), linear interim milestones are established for every third year (shaded in tan). Per the federal plan, non-attainment of these triennial milestones in Alliance Districts triggers more rigorous interventions and supports. Annual targets are provided as a reference.

### District Performance Indexes (DPI)

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
ELA	68.1	68.6	69.1	69.7	70.2	70.7	71.3	71.8	72.3	72.9	73.4	73.9	74.5	75.0
Math	63.3	64.2	65.1	66.0	66.9	67.8	68.7	69.6	70.5	71.4	72.3	73.2	74.1	75.0

### Smarter Balanced Growth

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
ELA	60.0%	63.1%	66.2%	69.2%	72.3%	75.4%	78.5%	81.5%	84.6%	87.7%	90.8%	93.8%	96.9%	100.0%
Math	58.7%	61.8%	65.0%	68.2%	71.4%	74.6%	77.7%	80.9%	84.1%	87.3%	90.5%	93.6%	96.8%	100.0%

### LAS Links Growth

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Literacy	59.6%	62.7%	65.8%	69.0%	72.1%	75.2%	78.3%	81.4%	84.5%	87.6%	90.7%	93.8%	96.9%	100.0%
Oral	65.5%	68.1%	70.8%	73.4%	76.1%	78.7%	81.4%	84.1%	86.7%	89.4%	92.0%	94.7%	97.3%	100.0%

### Chronic Absenteeism

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
11.3%	10.8%	10.3%	9.8%	9.4%	8.9%	8.4%	7.9%	7.4%	6.9%	6.9%	6.5%	6.0%	5.5%	5.0%
86.1%	86.7%	87.3%	87.9%	88.5%	89.1%	89.7%	90.3%	91.0%	91.6%	92.2%	92.8%	93.4%	94.0%	

### Four-year Adjusted Cohort Graduation Rate

	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
86.1%	86.7%	87.3%	87.9%	88.5%	89.1%	89.7%	90.3%	91.0%	91.6%	92.2%	92.8%	93.4%	94.0%	
80.0%	81.1%	82.2%	83.2%	84.3%	85.4%	86.5%	87.5%	88.6%	89.7%	90.8%	91.8%	92.9%	94.0%	

### Accountability Index

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
72.1	73.1	74.1	75.1	76.1	77.1	78.1	79.1	80.1	81.0	82.0	83.0	84.0	85.0	



## Groton Public Schools Alliance District Plan 2019-2020

- Alliance District plans are locally conceived, evidence-based reform plans that propose detailed initiatives for improving student achievement.
- The CSDE will review district plans on an annual basis and approve plans that align with the goals of the program. Approval of plans in years two through five will be predicated upon progress towards the described Year 1 performance targets, among other factors.
- Proposals for the use of Alliance District funding will be considered in the context of the quality of the overall strategy for reform proposed in the plan, as well as the degree of alignment between the proposed use of funds and the overall district strategy.

## Talent Priorities:

- |   |  |
|---|--|
| x Recruitment and human capital pipelines | x Instructional coaching                 |
| x Hiring and placement processes          | x District/school leadership development |
| x Professional learning                   | x Retention of top talent                |
| x Evaluation                              | Other:                                   |
- 

- **Professional Learning for instructional leaders:** For continued sustainability, Literacy and Math Specialists provide embedded coaching for teachers, tutors, as well as intervention for students through the SRBI process. **Rational:** Teacher and administrative leadership development, with a coaching model, is supported by professional development for sustainability.
- **Recruitment and Human Capital:** Recruitment of highly qualified staff; increase of minority hires: Groton Public Schools will expand strategies to recruit a diversified staff, including "grown your own" program and scholarship for paraprofessionals to become certified teachers. **Rational:** As a diverse district serving many transient students, including military youth, it is important to have the school community mirror the student population.
- **District and school leadership, hire and retain highly qualified teachers:** Attract, retain and bolster the performance of staff. **Rational:** The TEAM mentor program supports new teachers, with the expansion of trained mentors and paper reviewers in the district for additional supports.

TALENT	
Personnel Services	
Benefits	34,000
Grow Your Own tuitions	
Professional Services	5,000
Understanding Bias Training	
Other Purch Services	
Teacher Leadership	10,000
Mentor Training	4,000
Supplies	
Minority Teacher Recruitment	2,000
Property	
Other	55,000

# Academic Priorities:

- ✗ Common Core-aligned curriculum
  - ✗ Assessment systems
  - ✗ Supports for special populations (e.g., EL, SPED)
  - ✗ SRBI and academic interventions
  - ✗ College and career access
  - ✗ Alternative/transitional programs
  - ✗ Full-day kindergarten
  - ✗ Pre-Kindergarten
  - ✗ Pre-K - Grade 3 literacy
  - ✗ Instructional technology
  - Other: \_\_\_\_\_
- 
- **SRBI and special supports for high needs:** Catalyzing change PK-12; with equity for all. **Rationale:** Provide funding for teachers to align GPS core curriculum model with a systemic SRBI tiered process PK-12, including PD and additional support for EL students based on expanded enrollment.
  - **Pre-K-3 Literacy; CCS Alignment, Assessment systems:** Sustain PK-12 ELA classrooms, which deliver a CCS aligned core curriculum utilizing the balanced literacy model. **Rational:** TCWRP partnership expands to PK with units of study and PD, including continued support of literacy initiatives with classroom libraries.
  - **Instructional technologies, CCR, SRBI:** Expand the use of school and district data teams to examine and analyze current data. **Rationale:** Provide software, professional development, inquiry- based instructional materials and supplies to support core and tiered instruction.

ACADEMICS	
Personnel Services	
Systemic SRBI program - writing	10,000
EL Teacher	27,500
Analysis Support	25,000
Benefits	
Health ins and payroll taxes	5,052
Prof Services	
Aligning CT Core Standards	5,000
Other Purch Services	
Inquiry-based instruction	20,000
Supplies	
Software for SRBI	523,000
Expand Classroom Libraries	36,000
Math Materials	63,000
Property	
Other	244,552

# Culture and Climate Priorities:

- ✗ Attendance/Chronic absenteeism
  - ✗ Graduation/dropout prevention/on-track for graduation
  - ✗ Suspension rate
  - ✗ Family engagement
  - ✗ Wraparound services
  - Other:
- **Family Engagement/wraparound services, attendance and on-track:** Expand the work under Safe School Climate committee and School & District data teams to identify students at risk of dropping out and with chronic attendance problems. Provide positive interventions and services to support students and families. Implement tiered SRBI interventions that work. **Rationale:** Additional support from community coordinators, and mentors are needed. Community Coordinators assist families in each school to provide information and assist with engagement.
- **Family Engagement/wraparound services, prevention of chronic absenteeism:** Social workers, School Psychologists, and counselors will continue to promote social emotional competencies of all students. Staff will continue to assist families, students, staff and community partners to identify and develop interventions to address and overcome barriers to learning. **Rationale:** There is a need for an additional social worker at the secondary level who can focus on attendance and outreach to students and families.
- **Family Engagement: Community Forums and Conversations:** Continue Healthy Development; Summit on Mental Health and Behaviors. **Rationale:** Outreach to community regarding student success.

CLIMATE	
Personnel Services	9,000
Community Coordinators	54,975
Social worker	
Benefits	
Health Ins and payroll taxes	9,793
Prof Services	
Other Purch Services	
Supplies	
Community Forum	1,500
Property	
Other	
	75,268

# Operations Priorities:

Budgeting and financial management	x	Student enrollment processes
School operations	x	Extended learning time
x Technology integration	Other: _____	

- **Technology Integration:** Technology integration to support student growth is needed in all areas, with a focus on literacy, science, and mathematics. **Rationale:** In order to access learning and ensure a system of formative assessment with SBAC/NGSS interim assessments and end year summative assessments, it's critical that our hardware, software, and infrastructure can support all students in the district.
- **Extended Learning Time:** After school reading, writing, science, and math tutoring will be provided K-12 in each school. **Rationale:** Increasing learning time is a key lever in meeting performance targets for students across the district.
- **Data analysis and tracking:** Data collection, management, and “Alliance” tracking is needed to support the District. **Rationale:** Additional data personnel and software support is needed. **Student enrollment system:** Centralized online enrollment system that coordinates with PowerSchool will better handle our mobile population. **Rationale:** By moving to a centralized enrollment system with a lottery system for our intradistrict magnet schools, the district will build in efficiencies while ensuring balanced schools and classrooms.

<b>OPERATIONS</b>	
<b>Personnel Services</b>	
Data Support	3,000
Grant Mgmt	3,000
Tutoring	17,500
<b>Benefits</b>	2,180
Payroll taxes	
<b>Prof Services</b>	
Other Purch Services	
<b>Supplies</b>	
Tutoring supplies	4,000
Registration/lottery software	29,000
<b>Property</b>	
ReTech projection devices	161,500
<b>Other</b>	
	225,180

<b>Talent</b>	55,000
Academics	244,552
Climate	75,268
Operations	225,180
	<hr/>
	600,000

Attachment #3

Groton Public Schools

Date prep:		FY20 Budget Summary Review							
		FY20 Budget			FY20 Actual	Remaining Balance	%	FY20 Estimate 01/22/2020	Under/(Over)
Account	Object #s	2019-2020	Expenditures	Encumbered	Total				
<b>Salaries</b>									
1 Administrators	105-108	4,285,962	2,367,099	1,882,379	4,249,478	36,484	0.9%	4,347,441	(61,479)
2 Teachers	101-104,109,123-127	34,948,037	13,516,804	19,534,577	33,051,381	1,896,656	5.4%	34,984,635	(36,598)
3 Non-Cert Aides	110-111,130-131,136,139	3,453,175	1,892,011	0	1,892,011	1,561,164	45.2%	3,485,733	(32,558)
4 Substitute - Cert & Non-Cert	120-121	952,083	361,221	0	361,221	590,862	62.1%	952,921	(838)
5 Clerical	112-114,132-134,144	1,836,139	967,369	531,495	1,498,865	337,274	18.4%	1,907,320	(71,181)
6 Custodial/Maintenance/Techs	117-118,129,137-138,147-148	3,501,382	1,735,376	177,105	1,912,482	1,588,900	45.4%	3,460,603	40,779
7 Campus Security/Supervision	128	94,640	66,522	0	66,522	28,118	29.7%	126,763	(32,123)
8 <b>Total Salaries</b>	<b>100</b>	<b>49,071,418</b>	<b>20,906,403</b>	<b>22,125,557</b>	<b>43,031,950</b>	<b>6,039,458</b>	<b>12.3%</b>	<b>49,265,416</b>	<b>(193,998)</b>
<b>Benefits</b>									
9 Health Insurance	201-202	8,127,848	4,185,607	0	4,185,607	3,942,241	48.5%	8,127,848	0
10 Workers Comp & Town Pension	211,213	934,557	0	0	0	934,557	100.0%	934,557	0
11 Social Security & Medicare	212,214	1,409,823	729,717	0	729,717	680,106	48.2%	1,432,849	(23,026)
12 Other Benefits	222-227	262,000	129,702	0	129,702	132,298	50.5%	208,009	53,991
13 <b>Total Benefits</b>	<b>200</b>	<b>10,734,228</b>	<b>5,045,025</b>	<b>0</b>	<b>5,045,025</b>	<b>5,689,203</b>	<b>53.0%</b>	<b>10,703,263</b>	<b>30,965</b>
<b>Purchased Services</b>									
14 Instructional Services	321-324	161,179	108,559	2,800	111,359	49,820	30.9%	175,067	(13,888)
15 Professional Services	331	197,726	98,309	7,944	106,253	91,473	46.3%	182,813	14,913
16 Other Prof Services	332	615,797	202,221	147,496	349,717	266,080	43.2%	615,823	(26)
17 OT & PT Services	333	603,231	61,369	579,786	641,155	(37,924)	(6.3%)	641,155	(37,924)
18 Legal	334	85,000	32,366	0	32,366	52,635	61.9%	79,877	5,123
19 Athletic Officials & Other Athletic Serv	341-342	79,305	47,430	0	47,430	31,875	40.2%	76,895	2,410
20 Computer Network Services	343	125,453	64,208	23,475	87,683	37,770	30.1%	95,577	29,876
21 <b>Total Purchased Services</b>	<b>300</b>	<b>1,867,691</b>	<b>614,460</b>	<b>761,502</b>	<b>1,375,962</b>	<b>491,729</b>	<b>26.3%</b>	<b>1,867,207</b>	<b>484</b>
<b>Property Services</b>									
22 Water & Sewer	410-411	98,326	42,864	0	42,864	55,462	56.4%	98,326	0
23 Trash & Snow Removal	421-422	176,000	42,045	40,573	82,618	93,382	53.1%	176,000	0
24 Repair/Maintenance	430-435,490-491,499	467,150	236,076	25,617	261,692	205,458	44.0%	494,262	(27,112)
25 Rental	441	92,238	46,099	27,623	73,722	18,516	20.1%	105,633	(13,395)
26 <b>Total Property Services</b>	<b>400</b>	<b>833,714</b>	<b>367,083</b>	<b>93,813</b>	<b>460,896</b>	<b>372,818</b>	<b>44.7%</b>	<b>874,221</b>	<b>(40,507)</b>
<b>Transportation, Insurance, Communications, Tuition</b>									
27 Transportation: Schools	510-513	4,767,335	2,068,552	0	2,068,552	2,698,783	56.6%	4,764,560	2,775
28 Transportation: Student Activities	587-596	176,060	50,452	34,432	84,884	91,176	51.8%	180,700	(4,640)
29 Transportation: Staff	580-584	107,020	51,998	1,155	53,153	53,867	50.3%	113,663	(6,643)
30 Insurance	522,525	293,913	289,770	0	289,770	4,143	1.4%	289,770	4,143
31 Communications	530-552	129,847	57,537	354	57,991	71,956	55.4%	130,093	(246)
32 Tuition: Special Education	561-563,568	4,550,000	1,832,179	1,889,040	3,721,218	828,782	18.2%	4,295,890	254,110
33 Tuition: Other	564-567	1,350,000	1,492,052	0	1,492,052	(142,052)	(10.5%)	1,492,052	(142,052)
34 <b>Total Trans, Ins, Comm, Tuition</b>	<b>500</b>	<b>11,374,175</b>	<b>5,842,540</b>	<b>1,924,981</b>	<b>7,767,520</b>	<b>3,606,655</b>	<b>31.7%</b>	<b>11,266,727</b>	<b>107,448</b>
<b>Supplies</b>									
35 Instructional Supplies	601-609,613-619,622-623,628	565,721	186,390	32,523	218,912	346,809	61.3%	428,613	137,108
36 Computer Supplies	610-612	611,609	579,350	30,686	610,037	1,572	0.3%	622,543	(10,934)
37 Electricity & Heating	631-633	1,329,186	634,924	2,190	637,114	692,072	52.1%	1,317,568	11,618
38 Transportation Supplies	634,656	308,068	120,955	0	120,955	187,113	60.7%	308,068	0
39 Textbooks & Library Books	640-642,645,647	168,330	49,848	7,033	56,881	111,449	66.2%	167,442	888
40 Facility/Maintenance Supplies	650,652-655,657,659	364,974	156,638	1,658	158,296	206,678	56.6%	321,281	43,693
41 Other Supplies (staff dev., etc.)	621,624-627,690	63,955	27,541	2,192	29,734	34,221	53.5%	72,595	(8,640)
42 <b>Total Supplies</b>	<b>600</b>	<b>3,411,843</b>	<b>1,755,647</b>	<b>76,283</b>	<b>1,831,930</b>	<b>1,579,913</b>	<b>46.3%</b>	<b>3,238,110</b>	<b>173,733</b>
<b>Equipment</b>									
43 Instructional Equipment	730,735	32,175	10,869	6,501	17,370	14,805	46.0%	41,043	(8,868)
44 Non-Instructional Equip	731,736	30,250	8,700	0	8,700	21,550	71.2%	8,700	21,550
45 <b>Total Equipment</b>	<b>700</b>	<b>62,425</b>	<b>19,569</b>	<b>6,501</b>	<b>26,071</b>	<b>36,354</b>	<b>58.2%</b>	<b>49,743</b>	<b>12,682</b>
46 <b>Total Dues &amp; Fees</b>	<b>800</b>	<b>82,596</b>	<b>66,378</b>	<b>1,455</b>	<b>67,833</b>	<b>14,763</b>	<b>17.9%</b>	<b>88,810</b>	<b>(6,214)</b>
47 <b>GRAND TOTAL</b>		<b>77,438,090</b>	<b>34,617,105</b>	<b>24,990,091</b>	<b>59,607,196</b>	<b>17,830,894</b>	<b>23.0%</b>	<b>77,353,497</b>	<b>84,593</b>

**Groton Public Schools**

Date prep:		FY20 Budget Summary Review						
		FY20 Budget		FY20 Actual	Remaining Balance	%	FY20 Estimate 01/22/2020	Under/(Over)
Account	Object #s	2019-2020	Expenditures	Encumbered	Total			
<b>Salaries</b>								
<b>Administrators</b>								
48 Admin	105	1,014,569	546,514	432,999	979,514	35,055	3.5%	1,019,075 (4,506)
49 Principals	106	1,391,250	804,706	659,602	1,464,308	(73,058) (5.3%)	1,462,175 (70,925)	
50 Asst. Principals	107	1,756,784	949,454	737,587	1,687,041	69,743	4.0%	1,742,832 13,952
51 Dean	108	123,359	66,424	52,190	118,614	4,745	3.8%	123,359 *
52		4,285,962	2,367,099	1,882,379	4,249,478	36,484	0.9%	4,347,441 (61,479)
<b>Teachers</b>								
53 Classroom Teachers	101	24,699,135	9,551,286	14,179,347	23,730,633	968,502	3.9%	24,790,168 (91,033)
54 Sp Ed Certified	102	7,513,477	2,921,295	4,375,324	7,296,619	216,858	2.9%	7,531,184 (17,707)
55 Media Specialist	103	725,018	267,063	404,671	671,734	53,285	7.3%	697,235 27,783
56 Guidance	104	1,050,760	383,825	568,231	952,055	98,705	9.4%	989,687 61,073
57 Athletic Director	109	11,769	4,670	7,005	11,675	94	0.8%	11,769 *
58 Summer School	123	7,981	7,825	0	7,825	156	2.0%	7,981 *
59 Adult Ed	124	37,121	17,464	0	17,464	19,657	53.0%	37,121 *
60 Tutors	125	490,096	230,666	0	230,666	259,430	52.9%	502,441 (12,345)
61 Coach Stipends	126	333,907	119,097	0	119,097	214,810	64.3%	335,932 (2,025)
62 Other Student Activities	127	78,773	13,613	0	13,613	65,160	82.7%	81,118 (2,345)
63		34,948,037	13,516,804	19,534,577	33,051,381	1,896,656	5.4%	34,984,635 (36,598)
<b>Non-Cert Aides</b>								
64 Reg Ed Teacher Aides - Kindergarten	110 & 130	398,996	152,544	0	152,544	246,452	61.8%	431,992 (32,996)
65 Sp Ed Aides - Para I	111	823,184	433,503	0	433,503	389,681	47.3%	935,549 (112,365)
66 Sp.Ed Aides - Para II	131	1,828,649	1,103,431	0	1,103,431	725,218	39.7%	1,715,846 112,803
67 School Bus Aides	136	394,146	197,168	0	197,168	196,978	50.0%	394,146 *
68 Other Aides	139	8,200	5,364	0	5,364	2,836	34.6%	8,200 *
69		3,453,175	1,892,011	0	1,892,011	1,561,164	45.2%	3,485,733 (32,558)
<b>Substitute</b>								
70 Substitute Sp.Ed Certified	121	80,000	19,930	0	19,930	60,070	75.1%	78,528 1,473
71 Substitute Reg Ed Certified	120	872,083	341,291	0	341,291	530,792	60.9%	874,393 (2,310)
72		952,063	361,221	0	361,221	590,862	62.1%	952,921 (838)
<b>Clerical</b>								
73 Clerical	112113114132133134143144	1,836,139	967,369	531,495	1,498,865	337,274	18.4%	1,907,320 (71,181)
<b>Custodial/Maintenance/Techs</b>								
74 Custodial	117 & 137	1,897,867	952,449	38,212	990,661	907,206	47.8%	1,878,212 19,655
75 Maintenance	118 & 138	805,481	389,047	30,812	419,859	385,622	47.9%	784,357 21,124
76 Technicians	129 & 149	692,668	363,706	108,082	471,787	220,881	31.9%	692,668 *
77 Custodial Overtime	147	86,292	23,628	0	23,628	62,664	72.6%	86,292 *
78 Maintenance Overtime	148	19,074	6,546	0	6,546	12,528	65.7%	19,074 *
79		3,501,382	1,735,376	177,105	1,912,482	1,588,900	45.4%	3,460,603 40,779
<b>Security</b>								
80 Security/Supervision	128	94,640	66,522	0	66,522	28,118	29.7%	126,763 (32,123)
81 Total Salaries		49,071,418	20,906,403	22,125,557	43,031,960	6,039,458	12.3%	49,265,416 (193,998)
<b>Benefits</b>								
<b>Health Insurance</b>								
82 Group Ins. Prof	201	6,235,419	3,613,197	0	3,613,197	2,622,222	42.1%	6,235,419 *
83 Group Ins. Other	202	1,892,429	572,410	0	572,410	1,320,019	69.8%	1,892,429 *
84		8,127,848	4,185,607	0	4,185,607	3,942,241	48.5%	8,127,848 0
<b>Workers Comp &amp; Town Pension</b>								
85 Worker's Compensation	211	530,857	0	0	0	530,857	100.0%	530,857 *
86 Town Pension	213	403,700	0	0	0	403,700	100.0%	403,700 *
87		934,557	0	0	0	934,557	100.0%	934,557 0
<b>Social Security &amp; Medicare</b>								
88 Social Security	212	698,287	361,448	0	361,448	336,839	48.2%	715,249 (16,962)
89 Medicare	214	711,536	368,268	0	368,268	343,268	48.2%	717,599 (6,063)
90		1,409,823	729,717	0	729,717	680,106	48.2%	1,432,849 (23,026)
<b>Other Employee Benefits</b>								
91 Retirement Awards	222	105,000	50,509	0	50,509	54,491	51.9%	50,509 54,491
92 Unemployment	223	50,000	6,650	0	6,650	43,350	86.7%	50,000 *
93 Tuition Reimb Certified	224	106,000	72,542	0	72,542	33,458	31.6%	106,000 *
95 Mentor Slipend	227	1,000	0	0	0	1,000	100.0%	1,500 (500)
96		262,000	129,702	0	129,702	132,298	50.5%	208,009 53,991
97 Total Benefits		10,734,228	5,045,025	0	5,045,025	5,689,203	53.0%	10,703,263 30,965

**Groton Public Schools**

Date prep:		FY20 Budget Summary Review							
		FY20 Budget			FY20 Actual	Remaining Balance	%	FY20 Estimate 01/22/2020	Under/(Over)
Account	Object #s	2019-2020	Expenditures	Encumbered	Total				
<b>Purchased Services</b>									
Instructional Services									
98 Instructional Services	321 & 323	116,179	69,225	0	69,225	46,954	40.4%	119,081	(2,902)
99 Instruct Improvement Services	322 & 324	45,000	39,334	2,800	42,134	2,866	5.4%	55,986	(10,986)
100		161,179	108,559	2,800	111,359	49,820	30.9%	175,067	(13,888)
Professional Services									
101 Professional Services	331	197,726	98,309	7,944	106,253	91,473	46.3%	182,813	14,913
102 Other Professional Services	332	615,797	202,221	147,496	349,717	266,080	43.2%	615,823	(26)
103 OT & PT Services	333	603,231	61,369	579,786	641,155	(37,924)	(6.3%)	641,155	(37,924)
104 Legal Services	334	85,000	32,366	0	32,366	52,635	61.9%	79,877	5,123
105		1,501,754	394,264	735,227	1,129,490	372,264	24.8%	1,519,668	(17,914)
Athletic Officials & Other Athletic Services									
106 Athletic Officials	341	65,500	37,116	0	37,116	28,384	43.3%	63,582	1,918
107 Other Athletic Services	342	13,805	10,313	0	10,313	3,492	25.3%	13,313	492
108		79,305	47,430	0	47,430	31,875	40.2%	76,895	2,410
Computer Network Services									
109 Computer Network Services	343	125,453	64,208	23,475	87,683	37,770	30.1%	95,577	29,876
110 Total Purchased Services		1,867,691	614,460	761,502	1,375,962	491,729	26.3%	1,867,207	484
<b>Property Services</b>									
Water/Sewer									
111 Water	410	64,559	27,269	0	27,269	37,290	57.8%	64,559	-
112 Sewer	411	33,767	15,595	0	15,595	18,172	53.8%	33,767	-
113		98,326	42,864	0	42,864	55,462	56.4%	98,326	0
Trash & Snow Removal									
114 Trash Removal	421	84,500	42,045	40,573	82,618	1,882	2.2%	84,500	-
115 Snow Removal	422	91,500	0	0	0	91,500	100.0%	91,500	-
116		176,000	42,045	40,573	82,618	93,382	53.1%	176,000	0
Repair/Maintenance									
117 Equipment Repairs	430	113,419	58,402	4,489	62,890	50,529	44.6%	130,646	(17,227)
118 Grounds Repairs	431	155,682	69,238	3,325	72,563	83,119	53.4%	166,403	(10,721)
119 General Bldg Repairs	432	50,408	18,859	4,900	23,759	26,649	52.9%	50,408	-
120 Painting	433	8,932	8,196	0	8,196	736	8.2%	8,196	736
121 Heal & Plumbing	434	45,382	40,797	0	40,797	4,585	10.1%	45,382	-
122 Electrical	435	11,829	2,075	0	2,075	9,754	82.5%	11,829	-
123 Extermination Services	490	12,147	5,923	5,123	11,047	1,100	9.1%	11,047	1,100
124 Bldg Fire Protection	491	45,444	11,897	7,780	19,677	25,767	56.7%	45,444	-
125 Other Purch Services	499	23,907	20,690	0	20,690	3,217	13.5%	24,907	(1,000)
126		467,150	236,076	25,617	261,692	205,458	44.0%	494,262	(27,112)
Rental									
127 Rental	441	92,238	46,099	27,623	73,722	18,516	20.1%	105,633	(13,395)
128 Total Property Services		833,714	367,083	93,813	460,896	372,818	44.7%	874,221	(40,507)
<b>Transportation, Insurance, Communications, Tuition</b>									
Transportation: Schools									
129 Reg Ed Pupil Transportation	510 & 516	2,882,845	1,121,321	0	1,121,321	1,761,524	61.1%	2,818,761	64,084
130 Sp Ed - Trans - STA	511	981,394	476,451	0	476,451	504,943	51.5%	1,042,703	(61,309)
131 Sp Ed - Trans - Curtin	512	891,096	468,047	0	468,047	423,049	47.5%	891,096	-
132 Pupil Transp Reimbursement	513	12,000	2,733	0	2,733	9,267	77.2%	12,000	-
133		4,767,335	2,068,552	0	2,068,552	2,698,783	56.6%	4,764,560	2,775
Transportation: Other									
134 Transportation - Athletics	587	101,600	28,116	30,319	58,435	43,165	42.5%	102,783	(1,183)
135 Transportation - Field Trips	588	33,950	11,441	4,113	15,554	18,396	54.2%	34,061	(111)
136 Entry Fees - Athletics	591 & 592	14,435	10,895	0	10,895	3,540	24.5%	17,780	(3,345)
137 Admission Fees	595	26,075	0	0	0	26,075	100.0%	26,075	-
139		176,060	50,452	34,432	84,884	91,176	51.8%	180,700	(4,640)
Transportation: Staff									
140 Travel - Education	580 & 581	10,650	2,984	0	2,984	7,666	72.0%	10,424	226
141 Travel - Admin	582 & 583	30,300	14,724	0	14,724	15,576	51.4%	26,745	3,555
142 Travel - Conferences	584	66,070	34,289	1,155	35,444	30,626	46.4%	76,494	(10,424)
143		107,020	51,998	1,155	53,153	53,867	50.3%	113,663	(6,643)
Liability & Accident Insurance									
144 Liability Insurance	522	278,041	275,360	0	275,360	2,681	1.0%	275,360	2,681
145 Accident Insurance	525	15,872	14,410	0	14,410	1,462	9.2%	14,410	1,462
146		293,913	289,770	0	289,770	4,143	1.4%	289,770	4,143

**Groton Public Schools**

Date prep:		FY20 Budget Summary Review							
Account	Object #s	FY20 Budget			FY20 Actual	Remalning Balance	%	FY20 Estimate 01/22/2020	Under/(Over)
		2019-2020	Expenditures	Encumbered	Total				
<b>Communications</b>									
147 Telephone, Telephone Repairs	530	67,197	37,615	0	37,615	29,582	44.0%	67,197	-
148 Postage	531	40,150	18,150	229	18,380	21,770	54.2%	40,396	(246)
149 Adverisement	540	5,000	1,771	0	1,771	3,229	64.6%	5,000	-
150 Minority Recruitment	541	5,000	0	0	0	5,000	100.0%	5,000	-
151 Printing Admin	550	8,000	0	125	125	7,875	98.4%	8,000	-
152 School Publications	551 & 552	4,500	0	0	0	4,500	100.0%	4,500	-
153		129,847	57,537	354	57,891	71,956	55.4%	130,093	(246)
<b>Tuition: Special Education</b>									
154 Sp Ed Vocational	561	450,000	100,057	75,464	175,521	274,479	61.0%	450,000	
155 Sp Ed BoE Placements	562	2,250,000	915,985	1,351,155	2,267,140	(17,140)	(0.8%)	2,314,433	(64,433)
156 Sp Ed State Placements	563	600,000	289,316	325,890	615,206	(15,206)	(2.5%)	630,662	(30,662)
157 Sp.Ed Magnet Choice	568	1,250,000	526,821	136,530	663,351	586,649	46.9%	900,795	349,205
158		4,550,000	1,832,179	1,889,040	3,721,218	828,782	18.2%	4,295,890	254,110
<b>Tuition: Other</b>									
159 Adult Ed	564	210,000	207,000	0	207,000	3,000	1.4%	207,000	3,000
160 Magnet Tuition	566	1,000,000	1,162,238	0	1,162,238	(162,238)	(16.2%)	1,162,238	(162,238)
161 Vo Ag Reg Ed Tuition	567	140,000	122,814	0	122,814	17,186	12.3%	122,814	17,186
162		1,350,000	1,492,052	0	1,492,052	(142,052)	(10.5%)	1,492,052	(142,052)
163 Total Transportation, Insurance, Communication, Tuition		11,374,175	5,842,540	1,924,981	7,767,520	3,606,655	31.7%	11,266,727	107,448
<b>Supplies</b>									
<b>Instructional Supplies</b>									
164 General Classroom	601	216,386	23,143	4,780	27,923	188,463	87.1%	72,911	143,475
165 Science	602	22,275	8,367	884	9,250	13,025	58.5%	25,847	(3,572)
166 Arts & Crafts	603	19,610	9,005	1,031	10,036	9,574	48.8%	19,610	-
167 Phys. Ed	604	12,925	6,261	1,574	7,835	5,090	39.4%	12,154	771
168 Music	605	19,750	11,029	1,638	12,667	7,083	35.9%	20,577	(827)
169 Kindergarten	606	3,250	1,575	0	1,575	1,675	51.5%	4,160	(910)
170 Pupil Tests	607	71,500	42,826	4,672	47,498	24,002	33.6%	80,023	(8,523)
171 Tech. Ed	609	9,500	5,927	306	6,234	3,266	34.4%	8,500	1,000
172 Home Ec Supplies	613	12,750	5,983	83	6,066	6,684	52.4%	11,750	1,000
173 Sp Ed Supplies	615	56,300	19,212	4,119	23,332	32,968	58.6%	56,400	(100)
174 Athletic Supplies	616	61,100	31,056	11,184	42,240	18,860	30.9%	57,014	4,086
175 Math Supplies	617	14,500	3,132	254	3,386	11,114	76.6%	11,098	3,402
176 Health Supplies	618	1,650	0	595	595	1,055	64.0%	1,745	(95)
177 Other Supplies	619	4,000	528	0	528	3,472	86.8%	4,000	-
178 Health Serv Pathogen	622	6,000	946	0	946	5,054	84.2%	6,000	-
179 School Library Supplies	623	5,000	3,582	223	3,805	1,195	23.9%	5,417	(417)
180 Food, Drink, Snacks	628	29,225	13,817	1,180	14,997	14,228	48.7%	31,406	(2,181)
181		565,721	186,390	32,523	218,912	346,809	61.3%	428,613	137,108
<b>Computer Supplies</b>									
182 Computer Supplies	610 & 611	111,125	70,526	30,576	101,103	10,022	9.0%	108,638	2,487
183 Software	612	500,484	508,824	110	508,934	(8,450)	(1.7%)	513,905	(13,421)
184		611,609	579,350	30,686	610,037	1,572	0.3%	622,543	(10,934)
<b>Electricity &amp; Heating</b>									
185 Electricity	631	896,572	461,766	2,190	463,956	432,616	48.3%	896,572	-
186 Propane/Natural Gas	632	200,249	79,855	0	79,855	120,394	60.1%	200,249	-
187 Heating Oil	633	232,365	93,303	0	93,303	139,062	59.8%	220,747	11,618
188		1,329,186	634,924	2,190	637,114	692,072	52.1%	1,317,568	11,618
<b>Transportation Supplies</b>									
189 Diesel for School Buses	634	266,960	110,647	0	110,647	156,313	58.6%	266,960	-
190 Gas for Maintenance	656	41,108	10,308	0	10,308	30,800	74.9%	41,108	-
191		308,068	120,955	0	120,955	187,113	60.7%	308,068	0
<b>Textbooks &amp; Library Books</b>									
192 Textbooks	640	111,025	40,717	3,212	43,929	67,096	60.4%	106,987	4,038
193 Workbooks	641	33,575	7,750	0	7,750	25,825	76.9%	36,725	(3,150)
194 Textbook Rebind	642	250	0	0	0	250	100.0%	250	-
195 Library Books	645	18,267	260	3,801	4,061	14,206	77.8%	18,267	-
196 Periodicals	647	5,213	1,121	20	1,141	4,072	78.1%	5,213	-
197		168,330	49,848	7,033	56,881	111,449	66.2%	167,442	888

**Groton Public Schools**

Date prep:		FY20 Budget Summary Review							
		FY20 Budget			FY20 Actual	Remaining Balance	%	FY20 Estimate 01/22/2020	Under/(Over)
Account	Object #s	2019-2020	Expenditures	Encumbered	Total				
<b>Facility/Maintenance Supplies</b>									
198 Equipment Repair	650	28,504	21,577	70	21,647	6,857	24.1%	32,681	(4,177)
199 Grounds Supplies	651	18,490	6,583	0	6,583	11,907	64.4%	18,490	-
200 General Bldg Repair	652	65,771	30,541	626	31,167	34,604	52.6%	65,771	-
201 Painting	653	1,704	4,303	0	4,303	(2,599)	(152.5%)	4,303	(2,599)
202 Heat & Plumbing	654	33,387	27,289	449	27,738	5,649	16.9%	33,387	-
203 Electrical	655	29,590	27,831	174	28,005	1,585	5.4%	29,590	-
204 Safety Supplies	657 & 659	11,910	5,061	0	5,061	6,849	57.5%	11,844	66
205 Custodial Supplies	658	175,618	33,453	340	33,793	141,825	80.8%	125,215	50,403
206		364,974	156,638	1,658	158,296	206,678	56.6%	321,281	43,693
<b>Other Supplies</b>									
207 Sup Serv Guid Imp Ins	621	18,500	4,564	54	4,617	13,883	75.0%	18,592	(92)
208 Audio Visual	624 & 625	6,752	1,473	0	1,473	5,279	78.2%	8,147	(1,395)
209 General Admin Supplies	626	13,610	4,897	648	5,545	8,065	59.3%	13,107	503
210 School Admin Supplies	627	11,818	10,566	1,352	11,919	(101)	(0.9%)	16,245	(4,427)
211 Professional Materials	690	13,275	6,042	138	6,180	7,095	53.4%	16,504	(3,229)
212		63,955	27,541	2,192	29,734	34,221	53.5%	72,595	(8,640)
213 Total Supplies		3,411,843	1,755,647	76,283	1,831,930	1,579,913	46.3%	3,238,110	173,733
<b>Equipment</b>									
<b>Instructional Equipment</b>									
214 Replace Instr Equip	730	16,375	3,561	295	3,856	12,519	76.5%	16,028	347
215 Add Instr Equipment	735	15,800	7,308	6,206	13,515	2,285	14.5%	25,015	(9,215)
216		32,175	10,869	6,501	17,370	14,805	46.0%	41,043	(8,868)
<b>Non-Instructional Equipment</b>									
217 Replace Non-Instr Equipment	731	30,000	8,700	0	8,700	21,300	71.0%	8,700	21,300
218 Add Non-Instr Equipment	736	250	0	0	0	250	100.0%	-	250
219		30,250	8,700	0	8,700	21,550	71.2%	8,700	21,550
220 Total Equipment		62,425	19,569	6,501	26,071	36,354	58.2%	49,743	12,682
<b>Dues - Fees</b>									
<b>Dues/Fees</b>									
221 Dues BoE	810	25,541	20,591	0	20,591	4,950	19.4%	25,541	-
222 General Admin Dues	811	17,750	18,118	1,455	19,573	(1,823)	(10.3%)	23,054	(5,304)
223 School Admin Dues	812	34,100	24,554	0	24,554	9,546	28.0%	35,050	(950)
224 Other Dues	819	5,205	3,115	0	3,115	2,090	40.2%	5,165	40
225 Total Dues/Fees		82,596	66,378	1,455	67,833	14,763	17.9%	88,810	(6,214)
226 Grand Total		77,438,090	34,617,105	24,990,091	59,607,196	17,830,894	23.0%	77,353,497	84,593

**Groton Public Schools**

FY20 Budget Review

Summary at Program Level III

Function No.	Description	FY20 Budget		FY20 Total		Remaining Balance	% Estimated 2019-2020	FY20 Estimated		Increase (Decrease)
		2019-2020	Expended	Encumbered	2019-2020			2019-2020	%	
<b>Regular Instruction</b>										
1101	FUNCTION-1101 ELEMENTARY	13,109,132	5,209,448	6,004,513	11,213,961	1,895,171	14.5%	13,244,100	(134,968)	
1102	FUNCTION-1102 ART	652,934	253,345	307,149	560,494	92,440	14.2%	656,818	(3,884)	
1104	FUNCTION-1104 LANGUAGE ARTS	2,648,946	999,796	1,223,285	2,223,081	425,865	16.1%	2,610,321	38,625	
1105	FUNCTION-1105 WORLD LANGUAGES	1,213,355	515,251	619,427	1,134,678	78,677	6.5%	1,247,022	(33,667)	
1106	FUNCTION-1106 CONSUMER SCIENCE	155,693	55,483	60,516	115,999	39,694	25.5%	155,547	146	
1107	FUNCTION-1107 TECHNOLOGY EDUCATION	632,739	272,443	320,176	592,619	40,120	6.3%	633,118	(379)	
1108	FUNCTION-1108 MATHEMATICS	2,317,035	871,434	1,066,444	1,937,878	379,157	16.4%	2,278,406	38,629	
1109	FUNCTION-1109 MUSIC	709,052	276,511	327,766	604,277	104,775	14.8%	709,860	(808)	
1110	FUNCTION-1110 PHYSICAL EDUCATION	1,070,395	434,627	525,260	959,887	110,508	10.3%	1,093,704	(23,309)	
1111	FUNCTION-1111 SCIENCE	2,482,995	983,780	1,053,180	2,036,960	446,035	18.0%	2,486,199	(3,204)	
1112	FUNCTION-1112 SOCIAL STUDIES	2,128,425	775,646	1,005,079	1,780,726	347,699	16.3%	2,115,138	13,287	
1114	FUNCTION-1114 HEALTH EDUCATION	323,165	110,974	153,556	264,530	58,635	18.1%	323,479	(314)	
1115	FUNCTION-1115 MAGNET SCHOOL SUPPORT	30,000	5,816	393	6,209	23,791	79.3%	30,000	-	
1116	FUNCTION-1116 CO-OPERATIVE WORK EXPER	0	4,052	8,402	12,454	(12,454)	0.0%	-	-	
1117	FUNCTION-1117 INTERN, BACCALAUREATE	81,895	48,766	0	48,766	33,129	40.5%	94,358	(12,463)	
1119	FUNCTION-1119 UNCLASSIFIED	935,407	847,017	3,772	850,790	84,617	9.0%	816,621	118,786	
1121	FUNCTION-1121 BUSINESS EDUCATION	302,532	122,174	140,579	262,753	39,779	13.1%	301,302	1,230	
1124	FUNCTION-1124 HEALTH OCCUPATIONS	112,818	43,402	55,242	98,643	14,175	12.6%	113,571	(753)	
1260	FUNCTION-1260 ENRICHMENT	38,551	13,782	0	13,782	24,769	64.3%	38,497	54	
1270	FUNCTION-1270 REMEDIAL INSTRUCTION	2,852,962	1,024,586	1,344,084	2,368,669	484,293	17.0%	2,838,347	14,615	
1412	FUNCTION-1412 SUMMER SCH HIGH SC CREDI	8,592	8,373	0	8,373	219	2.5%	8,592	-	
2220	FUNCTION-2220 EDUCATIONAL MEDIA SERVI	1,165,993	451,298	453,514	904,812	261,181	22.4%	1,140,169	25,824	
Total Regular Instruction		32,972,616	13,349,765	14,672,337	28,022,102	4,950,514	15.0%	32,939,893	32,723	
<b>Special Instruction</b>										
1205	FUNCTION-1205 PRESCHOOL 3-5	1,115,477	462,790	442,534	905,324	210,153	18.8%	1,115,477	-	
1210	FUNCTION-1210 SPED Summer School	20,290	29,994	0	29,994	(9,704)	(47.8%)	29,994	(9,704)	
1220	FUNCTION-1220 OTHER SPECIAL INSTRUCTIO	771,334	333,672	95,782	429,453	341,881	44.3%	784,979	(13,645)	
1230	FUNCTION-1230 SPECIAL EDUCATION	8,429,369	3,600,657	2,469,165	6,069,823	2,359,546	28.0%	8,375,071	54,298	
1250	FUNCTION-1250 BLIND	111,650	40,725	53,027	93,752	17,898	16.0%	111,650	-	
1280	FUNCTION-1280 HEARING IMPAIRED	119,388	41,821	56,740	98,561	20,827	17.4%	119,300	88	
Total Special Instruction		10,567,508	4,509,659	3,117,247	7,626,906	2,940,602	27.8%	10,536,471	31,037	
<b>Continuing Education</b>										
1310	FUNCTION-1310 HIGH SCHOOL COMPLETION	76,048	27,622	7,290	34,912	41,136	54.1%	76,533	(485)	
1320	FUNCTION-1320 ADULT EDUCATION	210,000	207,000	0	207,000	3,000	1.4%	207,000	3,000	
Total Continuing Education		286,048	234,622	7,290	241,912	44,136	15.4%	283,533	2,515	
<b>Other Instructional Programs</b>										
15**	STUDENT ACTIVITIES 6-12	791,949	312,724	63,044	375,768	416,181	52.6%	798,772	(6,823)	
<b>TOTAL INSTRUCTION</b>		<b>44,618,121</b>	<b>18,406,770</b>	<b>17,859,918</b>	<b>36,266,688</b>	<b>8,351,433</b>	<b>18.7%</b>	<b>44,558,668</b>	<b>59,453</b>	
<b>Support Services - Pupils</b>										
2101	FUNCTION-2101 SUPPORT SERVICES - SPED C	910,006	423,833	270,122	693,956	216,050	23.7%	914,997	(4,991)	
2110	FUNCTION-2110 SOCIAL WORK SERVICES	337,270	177,155	216,255	393,410	(56,140)	(16.6%)	384,651	(47,381)	
2120	FUNCTION-2120 GUIDANCE SERVICES	1,542,078	593,303	568,231	1,161,534	380,544	24.7%	1,480,775	61,303	
2130	FUNCTION-2130 IHEALTH SERVICES	1,181,084	240,024	712,746	952,770	228,314	19.3%	1,219,008	(37,924)	
2140	FUNCTION-2140 PSYCHOLOGICAL SERVICES	1,238,128	488,030	582,666	1,070,696	167,432	13.5%	1,246,763	(8,635)	
2150	FUNCTION-2150 SPEECH & HEARING SERVICE	1,127,492	431,792	542,177	973,968	153,524	13.6%	1,127,492	-	
Total Support Services - Pupils		6,336,058	2,354,137	2,892,197	5,246,334	1,089,724	17.2%	6,373,686	(37,628)	
<b>Support Services - Staff</b>										
2201	FUNCTION-2201 SUPPORTING SERVICES - CO	96,218	42,725	27,534	70,259	25,959	27.0%	97,227	(1,009)	
2210	FUNCTION-2210 IMPROVEMENT OF INSTRUCTI	391,111	293,501	5,170	298,671	92,440	23.6%	373,815	17,296	
Total Support Services - Staff		487,329	336,226	32,704	368,930	118,399	24.3%	471,041	16,288	
<b>General Support Services</b>										
2311	FUNCTION-2311 BOARD OF EDUCATION SERV	30,241	24,207	0	24,207	6,034	20.0%	30,241	-	
2312	FUNCTION-2312 SUPERINTENDENT OFFICE SE	1,485,033	671,099	436,224	1,107,323	377,710	25.4%	1,529,879	(44,846)	
2313	FUNCTION-2313 BUSINESS OFFICE	888,122	321,931	213,810	535,741	352,381	39.7%	888,308	(186)	
2410	FUNCTION-2410 SCHOOL ADMINSTRATION	4,167,201	2,221,133	1,277,444	3,498,577	668,624	16.0%	4,293,836	(126,635)	
Total General Support Services		6,570,597	3,238,370	1,927,479	5,165,849	1,404,748	21.4%	6,742,264	(171,667)	
<b>Operational Services</b>										
2510	FUNCTION-2510 OPERATIONS AND MAINTENA	6,924,528	3,263,698	209,572	3,473,270	3,451,258	49.8%	6,823,615	100,913	
2520	FUNCTION-2520 PUPIL TRANSPORTATION	5,501,715	2,466,575	47,981	2,514,557	2,987,158	54.3%	5,498,940	2,775	
2540	FUNCTION-2540 COMPUTER SUPPORT SERVIC	1,642,242	1,013,811	219,689	1,233,500	408,742	24.9%	1,636,840	5,402	
2560	FUNCTION-2560 HEALTH SERVICES STAFF	2,500	863	0	863	1,637	65.5%	2,500	-	
Total Operational Services		14,070,985	7,270,740	477,243	7,747,983	6,323,002	44.9%	13,961,894	109,091	
<b>TOTAL SUPPORT SERVICES</b>		<b>27,464,969</b>	<b>13,199,472</b>	<b>5,329,623</b>	<b>18,529,096</b>	<b>8,935,873</b>	<b>32.5%</b>	<b>27,548,887</b>	<b>(83,918)</b>	
<b>Community Services</b>										
3710	FUNCTION-3710-NONPUBLIC SCHOOL	115,000	0	0	0	115,000	100.0%	115,000	0	
<b>Non-Programmed Charges</b>										
4100	TUITION PAYMENTS	5,240,000	3,017,173	1,813,576	4,830,749	409,251	7.8%	5,130,942	109,058	
<b>GRAND TOTAL</b>		<b>77,438,090</b>	<b>34,623,415</b>	<b>25,003,117</b>	<b>59,626,532</b>	<b>17,811,558</b>	<b>23.0%</b>	<b>77,353,497</b>	<b>84,593</b>	<b>0.11%</b>

**Students****Opioid Overdose Prevention (Emergency Administration of Naloxone)**

Opioid overdoses have become epidemic. Opioid overdose kills thousands of Americans every year. Many of these deaths are preventable through the timely provision of the inexpensive and effective drug Naloxone (brand name Narcan), an opioid antagonist; and the summoning of emergency responders. Groton Public Schools (GPS) is committed to enhancing the health and safety of individuals within the school environment. Therefore, the Groton Public Schools' Board of Education adopts this policy to provide for opioid overdose responsive measures. The Board directs the adoption of district protocols for the use of Naloxone in emergency situations to assist individuals (students, staff, and others) who are suspected of experiencing an opioid overdose on school grounds during school hours. Protocols shall be established in consultation with GPS School Medical Advisor, School Nurse Supervisor and the Superintendent.

The administration of Naloxone shall be in accordance with this policy, established district protocols, state law and regulations, as well as GPS Policy 5141.21, Administering Medication.

The district's School Medical Advisor (or other qualified physician) shall approve this policy, its regulations and any changes prior to adoption by GPS.

The GPS, with the advice and approval of the School Medical Advisor and the School Nurse Supervisor, shall biennially review this policy and any regulation and revise if necessary.

**Definitions**

**"Drug overdose"** means an acute medical condition, including, but not limited to, severe physical illness, coma, mania, hysteria, or death, which is the result of consumption or use of one or more controlled substances causing an adverse reaction. The signs of opioid overdose include unresponsiveness; non-consciousness; shallow breathing with, rate less than 10 breaths per minute, or not breathing at all; blue or gray face, especially fingernails and lips; and loud, uneven snoring or gurgling noises.

**"Naloxone" (Narcan)** is a medication used to reverse an opioid overdose. As a narcotic antagonist, Naloxone displaces opiates from receptor sites in the brain and reverses respiratory depression that usually is the cause of opioid overdose deaths.

**"Opioid"** is an a type of drug that includes, but is not limited to, illegal drugs such as heroin, as well as opioid pain relievers (OPR), which are prescription medications used to treat pain. The opioid pain relievers may include: morphine, codeine, methadone, oxycodone (OxyContin, Percodan, Percocet), hydrocodone (Vicodin), fentanyl, hydromorphone (Dilaudid), and buprenorphine.

## **Emergency Administration of Naloxone –cont.**

### **Authorization and Standing Order**

The GPS School Medical Advisor shall be responsible for prescribing Naloxone for use in the district, establishing protocols for the stocking, storage, and use of Naloxone (Narcan), and for supervising GPS's medical professionals Naloxone who will store and administer Naloxone.

The GPS Medical Advisor shall provide and annually renew a standing order for the administration of Naloxone (Narcan) to students, staff members, or other individuals believed or suspected to be experiencing an opioid overdose on school grounds during school hours. The standing order shall be maintained in the Medical Center office and copies of the standing order shall be kept in each location where Naloxone is stored.

GPS permits school nurses who have received training to administer Naloxone (Narcan) to any person at school or a school event displaying symptoms of an opioid overdose in accordance with this policy and established protocols.

### **Training**

School nurses having custody of Naloxone (Narcan) shall be trained in its use and the training documented. Such training program shall include, but is not limited to, the following topics:

1. Recognition of the signs and symptoms that may indicate if an individual is experiencing an opioid overdose
2. Assessment of the individual suspected of an overdose
3. Need for immediate notification of 911
4. Proper use and administration of Naloxone (Narcan)
5. Information on potential adverse reactions
6. Requirements for proper storage and restocking of naloxone (Narcan)
7. Documentation of the event
8. Post administration review with School Nurse Supervisor and Medical Advisor
9. Maintenance of records

### **Acquisition, Storage and Disposal**

Naloxone shall be safely stored in the Medical Center in accordance with the drug manufacturer's instructions and federal and state law and regulation and district protocols. It shall be accessible during school hours.

The school nurse shall obtain sufficient supplies of Naloxone pursuant to the standing order of the School Medical Advisor in the same manner as other medical supplies acquired for the school health program. The school nurse or designee shall regularly inventory and refresh Naloxone stocks and maintain records thereof in accordance with internal procedures, manufacturer's recommendations and any applicable state or federal law and regulation and/or Department of Public Health guidelines.

**Emergency Administration of Naloxone –cont.**

- Legal Reference:** Connecticut General Statutes
- 10 - 212 School nurses and nurse practitioners. Administration of medications by parents or guardians on school grounds. Criminal history; records check.
  - 10-212a. Administration of medications in schools, at athletic events and to children in school readiness programs.
  - 17a-714a. Immunity and no violation of standard of care for prescribing, dispensing or administering opioid antagonist. Amendment of local emergency medical services plan.
  - 21 a -279Penalty for illegal possession. Alternate sentences. Immunity.
  - 52-557b Good Samaritan law". Immunity from liability for emergency medical assistance, first aid or medication by injection. School personnel not required to administer or render. Immunity from liability re automatic external defibrillators.
  - Connecticut Regulations of State Agencies 10-21 20-1 through 10-21 20- 10, inclusive, as amended.
- PA 15-198: An Act Concerning Substance Abuse and Opioid Overdose Prevention**
- PA 16-43: An Act Concerning Opioids and Access to Overdose Reversal Drugs**

Policy adopted: \_\_\_\_\_

GROTON PUBLIC SCHOOLS  
Groton, Connecticut

**Groton Public Schools  
NARCAN NASAL SPRAY 4mg  
Medical Director Standing Order**

Naloxone (Narcan) is indicated for the reversal of opioid overdose induced by natural or synthetic opioids and exhibited by respiratory depression or unresponsiveness. NARCAN is delivered by intranasal administration as indicated.

This standing order covers the possession and distribution of NARCAN Nasal Spray 4 mg. The trained nursing staff of GPS may possess and distribute NARCAN Nasal Spray 4mg to a person at risk of experiencing an opioid-related overdose.

**Drug Name:** Naloxone (Narcan)

**Dose:** 4mg - If no response after 2-3 minutes repeat in other nostril (package comes with 2 doses)

**Route:** Intranasal

**Time:** Immediate for reversal of opioid overdose

**Relevant Side Effects:** Restlessness or irritability, body aches, tachycardia, fever, runny nose, sneezing, sweating, yawning, shivering, goose bumps (piloerection), increased blood pressure, abdominal cramps, nausea, vomiting, or diarrhea.

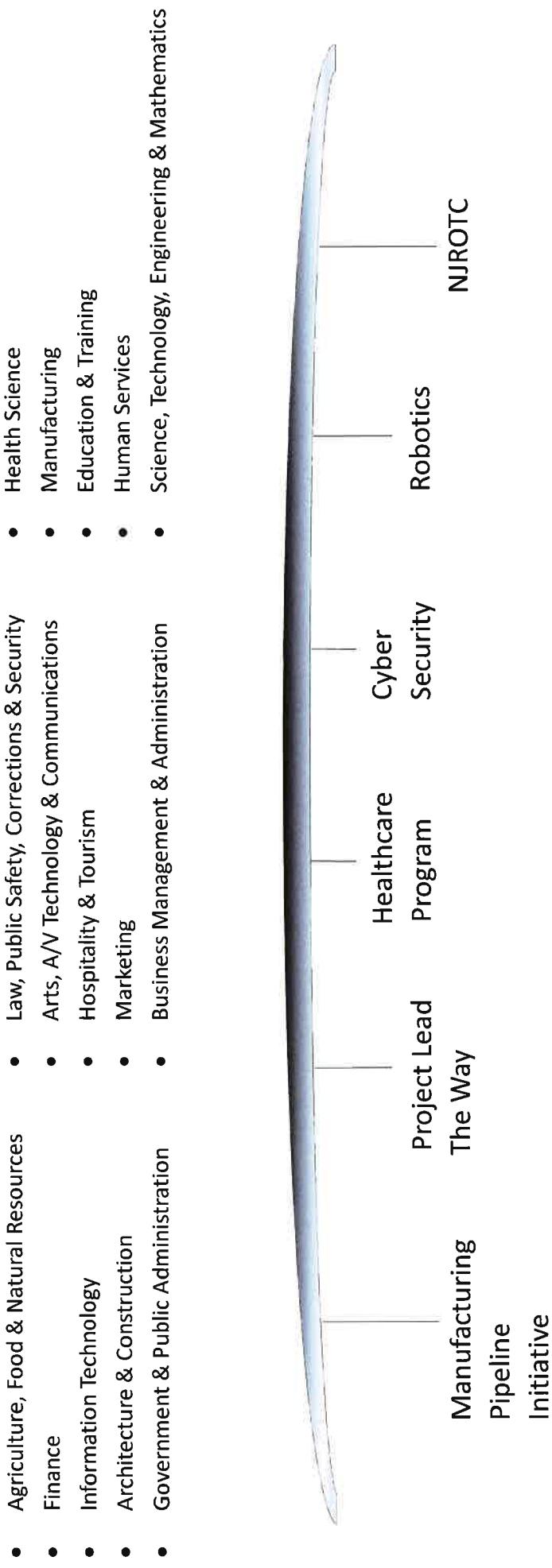
**Prescriber Name & Title:** Dr. Michael Blefeld, MD

**Telephone:** 860-449-8882

**Address:** 495 Gold Star Highway #120  
Groton, CT 06340

Prescriber's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Career Pathways Program



# Pathways

*Expanding our Student Pathways*





PATHWAYS TO COLLEGE & CAREER READINESS

CareerClusters®

## Career Pathways

- Agriculture, Food & Natural Resources
- Finance
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- Hospitality & Tourism
- Marketing
- Business Management & Administration
- Health Science
- Manufacturing
- Education & Training
- Human Services
- Science, Technology, Engineering & Mathematics



**What are Career Clusters?**

Career cluster is a group of jobs and industries that are related by skills or products. Within each cluster, there are cluster “pathways” that correspond to a collection of courses and training opportunities to prepare you for a given career. Career Clusters provide students with a context for studying traditional academics and learning the skills specific to a career. Career Clusters provide U.S. schools with a structure for organizing or restructuring curriculum offerings and focusing class make-up by a common theme such as interest.

**How are Career Clusters being rolled out at Fitch?**

Students will choose a Career Cluster in their FAS class. They will be awarded a pin to wear at graduation and a certificate of completion for those students who successfully complete their Career Cluster pathway. To successfully complete their Career Cluster Students must pass a minimum of 6 classes in their cluster. Students will be allowed to change their pathways throughout their four years, however full career cluster credit will not be awarded unless a minimum of 6 classes have been successfully completed.

## Pathways - partnership with FHS



**NATIONAL CENTER FOR COLLEGE AND CAREER TRANSITIONS**

**Our Work:**

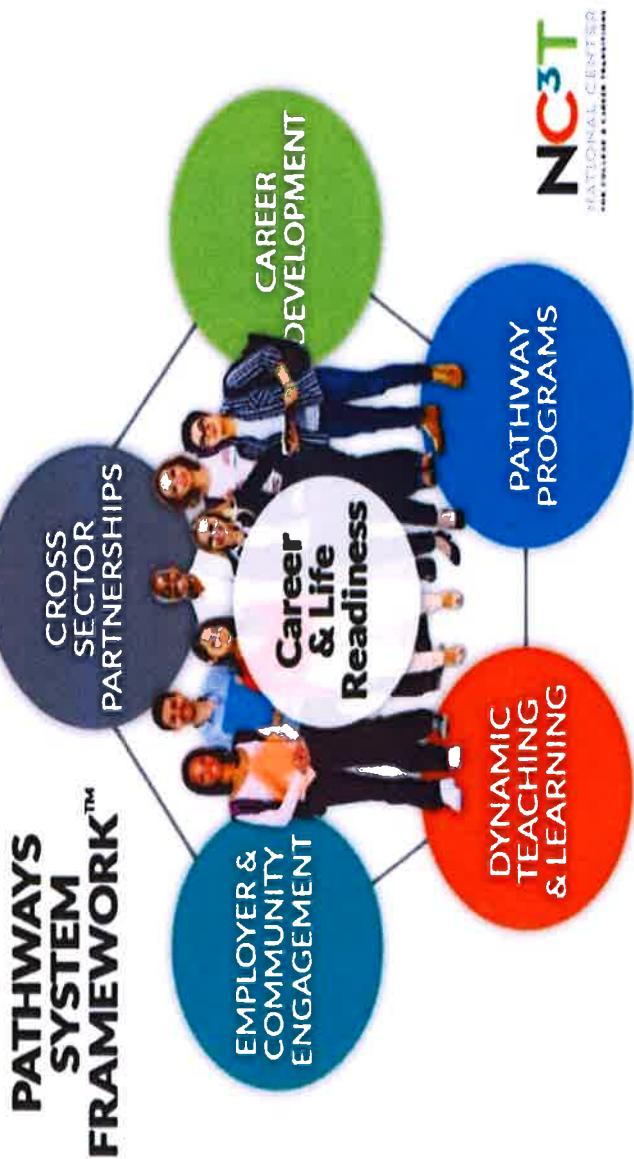
Supporting quality Career Connected Learning (CTE programs, pathways development, education-employer engagement) with expert coaching and technical assistance.

**NC3T**  
NATIONAL CENTER  
FOR COLLEGE & CAREER TRANSITIONS

## Focus of the Pathways Partnership

- Many students are changing majors and transferring colleges which results in time and money lost during and after their college years
  - *Some students feel disconnected from their learning*
  - *Most school systems (and colleges) do not deliver impactful career development*
  - *Most school systems (and colleges) do not connect students with meaningful employer experiences*
  - *Most school systems explicitly or subtly promote generic “4 year college for all” as the path to success*

# PATHWAYS SYSTEMS FRAMEWORK



**NC<sup>3</sup>T**  
NATIONAL CENTER FOR  
TEACHING & LEARNING

## WHAT IS A PATHWAY PROGRAM?

### A Pathway Program:

- Sequence of courses focused on a career theme
- Provides in-depth career exploration
- Offers work-based learning experiences
- Leads to early postsecondary credits
- Builds career and life readiness attributes



**Recommended Program of Study**

**Academy of Medical Sciences - Sports Medicine/Therapy**

SUBJECT	9th Grade	10th Grade	11th Grade	12th Grade
LANGUAGE ARTS	English I	English II	English III*	English IV*
MATH	Algebra*	Geometry*	Advanced Algebra*	Recommended Math Elective*
SCIENCE	Integrated Science I	Integrated Science II	Integrated Science III*	Recommended Science Elective*
SOCIAL STUDIES	American History	World History*	Recommended Social Studies Elective	Economics* & Government*
CTE COURSES	Freshman Seminar	Foundations of Health Sciences	Principles of Health Sciences	Advanced Sports Medicine/Therapy
PE/Health 9-12 Electives	PE* & Health	Elective	Elective	Elective
RECOMMENDED ELECTIVES: 2 PER YEAR				
Statistics, Statistics CCC, College Algebra, College Algebra CCC, Pre-Calculus, AP Calculus, Advanced Chemistry, Physics, AP Biology, AP Chemistry, AP Physics, Medical Terminology, Sports Medicine, Anatomy and Physiology, Psychology, Spanish, Performing Arts, Visual Arts				

\* Denotes course substitutions available. See course handbook for full course offerings.

**Career and Technical Student Organization**

**Future Health Professionals (HOSA)**

Work-Based Learning Experiences

**Career Day/Fair • Field Trips/Guest Speakers • Job Shadowing • Internship • Registered Apprenticeship**

Available Industry Certification

**Certified Nursing Assistant • CPR**

Available Dual Enrollment Courses

**Certified Nursing Assistant • College Algebra CCC • Statistics CCC • Literature CCC • Composition CCC  
Government CCC**

**Post Secondary Curriculum**

**Associate's Degree: Occupational Therapy Assistant, Physical Therapy Assistant**

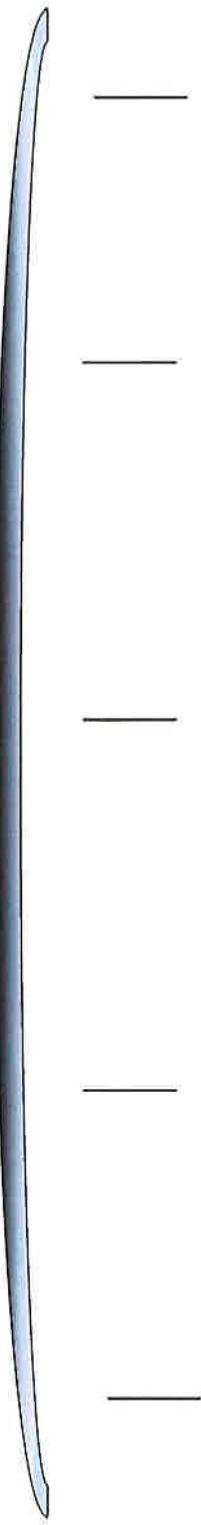
**Bachelor's Degree: Exercise Science, Kinesiology, Pre-Physical Therapy, Athletic Training, Gerontology**

**Advanced Degree: Occupational Therapy, Physical Therapy, Biomedical Engineering**

**High Wage-High Skill-High Demand Careers**

**Physical Therapist • Occupational Therapist • Chiropractor • Occupational Therapy Assistant • Physical Therapy Assistant • Dietician • Nutritionist**

## **Expanding our Student Pathways**



Manufacturing Pipeline  
Initiative      Project Lead the Way  
Health Care Program  
Robotics  
JROTC

# Youth Manufacturing Pipeline Initiative (YMPI)

*YMPI: A program funded by the US Department of Labor-Workforce Innovation Fund in partnership with the CT Department of Labor and the Eastern CT Workforce Investment Board*

This program will help you find a well-paying job at 70+ local businesses with little to no higher education required. The YMPI is a intern program that will train, prepare and certify you for a future in the Manufacturing world. To complete the program you will need to take *Intro to Manufacturing, Manufacturing 1 and 2 as well as Youth Manufacturing Initiative*. Students will need to pass all (Safety) assessments to complete certificate.

- 3 courses - *Intro to Manufacturing, Manufacturing 1, Manufacturing 2*
- Assessment - Pipeline
- Earn College Credit



## **Project Lead The Way**

Project Lead The Way (PLTW) provides a comprehensive approach to STEM Education. Through activity-, project-, and problem-based curriculum, PLTW gives students in kindergarten through high school a chance to apply what they know, identify problems, find unique solutions, and lead their own learning. For educators, our engaging, rigorous teacher professional development model provides tools to empower students and transform the classroom into a collaboration space where content comes to life.

PLTW Engineering is more than just another high school engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation.

PLTW students have said that PLTW Engineering influenced their post-secondary decisions and helped shape their future. Even for students who do not plan to pursue engineering after high school, the PLTW Engineering program provides opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career.

### **Classes Currently Offered at FITCH for PLTW:**

**Introduction to Engineering**

**Principles of Engineering**

**Civil Engineering and Architecture**

**Computer Integrated Manufacturing**

# Honors Nursing Program

This course is designed for 11<sup>th</sup> and 12<sup>th</sup> grade students who have successfully completed Diversified Health Occupations and are interested in nursing and its related fields. The course is limited to 16 students and selection is concurrent with teacher recommendation. After completing classroom and outside clinical placements (long-term care and hospital), students take the Connecticut State Department Nurse Aide Competency Test.

An experience as a CNA can be your foot in the door for other medical and health related fields. A CNA license adds to your resume for jobs in the healthcare field. It can also increase your probability of being accepted into a college level nursing program, physical and occupational therapy program and many other medical careers. Having the experience of being a CNA shows that you can relate to patients, provide physical and emotional support and most importantly, can work as an active team member in our complex health care system.

# Aluminum Falcon Robotics

Inspire the students of Groton to pursue careers in science, technology, engineering and mathematics (STEM) and promote STEM as a fun and engaging pathway to a brighter future.

Cultivate skills and enhance technical capabilities.

Foster cognitive development through teamwork, project management, and critical thinking and unique experiences.

Provide a safe, structured environment for students to meet and interact with professional engineers, scientists, technicians, and manufacturers.



## NJROTC

Navy Junior Reserve Officers Training Corps



Home | About ▾ | NJROTC Program ▾ | NJDCC Program | Other Links ▾ | Contact

Home > NJROTC Program > Program Info > Starting an NJROTC Unit

### STARTING AN NJROTC UNIT

High school officials desiring the opportunity to host a NJROTC unit are invited to submit an application at any time. The first step in the process to host a NJROTC unit is for a school official to complete an application. Host School Applications are available on-line and the link is provided below.

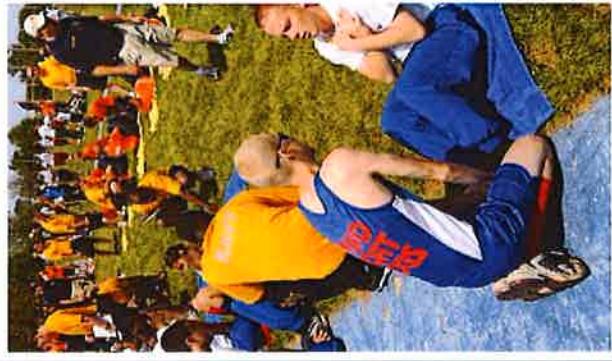
#### ► Application

Print the form first by selecting the Print button located at the bottom of the form. The blank form will assist you in gathering information and submitting your application on-line. Allow enough time to complete the application in a single session since you cannot currently save your data. In the signature block type your name and title as the submitting school official. The application may also be printed and mailed to:

#### **NSTC (NJROTC), 250 DALLAS STATE A, PENSACOLA FL 32508-5268**

Applications received are kept on file and will be given every consideration when further expansion of the NJROTC program is planned by the Navy Official offers to establish a NJROTC unit will be made to the school superintendent via letter containing a contract for establishment of the unit that is signed by both parties for the educational partnership.

For additional information concerning NJROTC expansion status Navy provided support for new units or host school support requirements contact (855)452-4156.



# JROTC Program

## **What subjects are included in the curriculum?**

The Naval Service Training Command routinely updates the curriculum to include new texts, instructional materials and lesson plans. The curriculum is developed and revised by civilian educators and NJROTC instructors. The wide variety of subjects includes the following:

- CITIZENSHIP -- Instillation of values of good, responsible citizenship.
- NAVAL ORIENTATION -- Basic introduction to the Navy's customs and traditions.
- NAVAL OPERATIONS/ORGANIZATION -- Familiarization with national naval strategy and daily military operations.
- NAVAL HISTORY -- History of the United States Navy from the colonial period to the present.
- NAVIGATION -- Introduction to piloting and navigation.
- SEAMANSHIP -- Introduction to basic seamanship and ship handling.
- LEADERSHIP -- Ongoing study of leadership, with opportunities to develop leadership abilities.
- NAUTICAL ASTRONOMY -- Study of astronomy and its use in navigation.
- ELECTRONICS -- Introduction to electronics as the basis for communications and weapons systems.
- OCEANOGRAPHY -- Information on the collection of data on the world's ocean systems.
- DRILLS, COMMANDS, AND CEREMONIES -- Close order drill and parade ceremonies.
- PHYSICAL FITNESS -- Activities to promote healthy, active lifestyles.

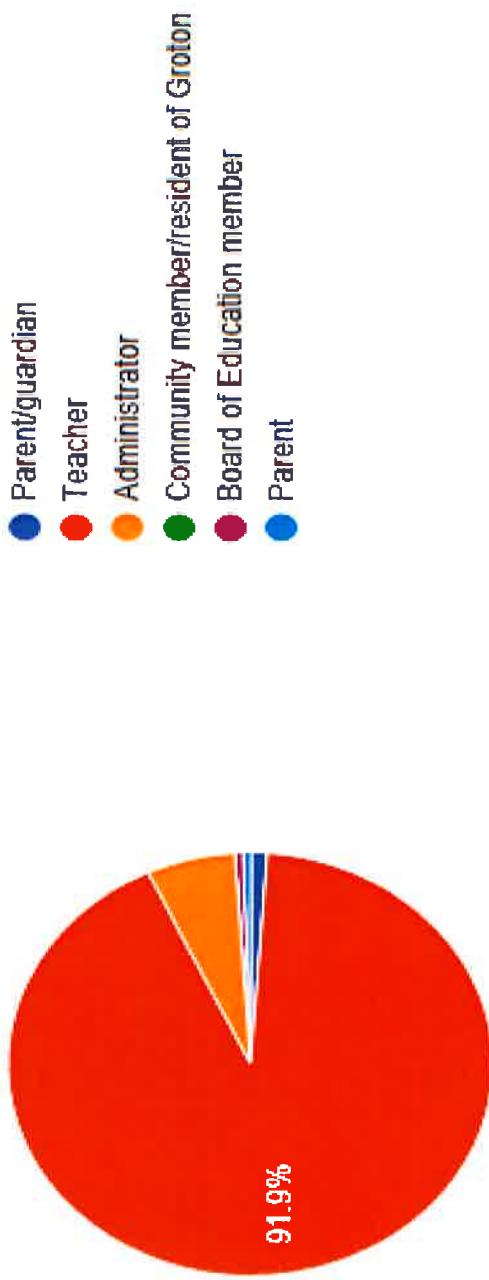
## Next Steps

- Continue with the YMPI and NC3T Partnerships
- FAS and Personal Project review
- Student Pathways/Career Cluster expansion
- JROTC exploration
- IB CP
- Culinary expansion
- College and Career Counseling Expansion
- ○ Student internships, Job Shadow, Community Service, Job Opportunities

# ELEMENTARY MAGNET THEMES

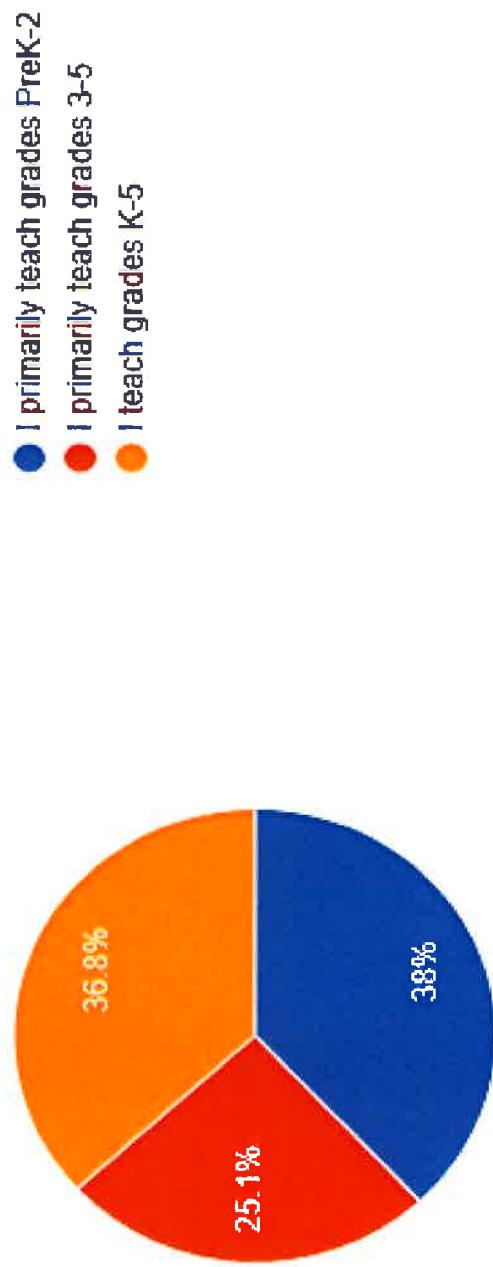
I am a?

186 responses



I am a Teacher and

171 responses

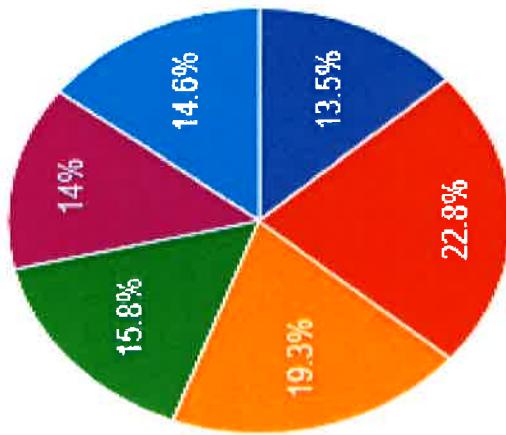


- I primarily teach grades PreK-2
- I primarily teach grades 3-5
- I teach grades K-5

I primarily teach at?

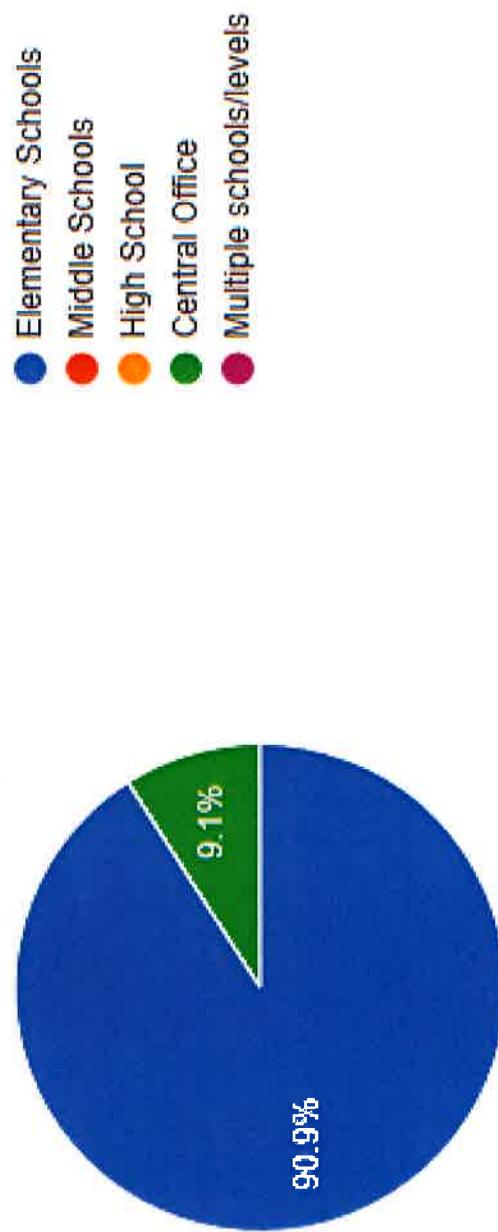
171 responses

- Catherine Kohnaski Magnet Elementary School
- Claude Chester Elementary School
- Dr. Charles Barnum Elementary School
- Mary Morrisson Elementary School
- Northeast Academy Magnet Elementary School
- S. B. Butler Elementary School



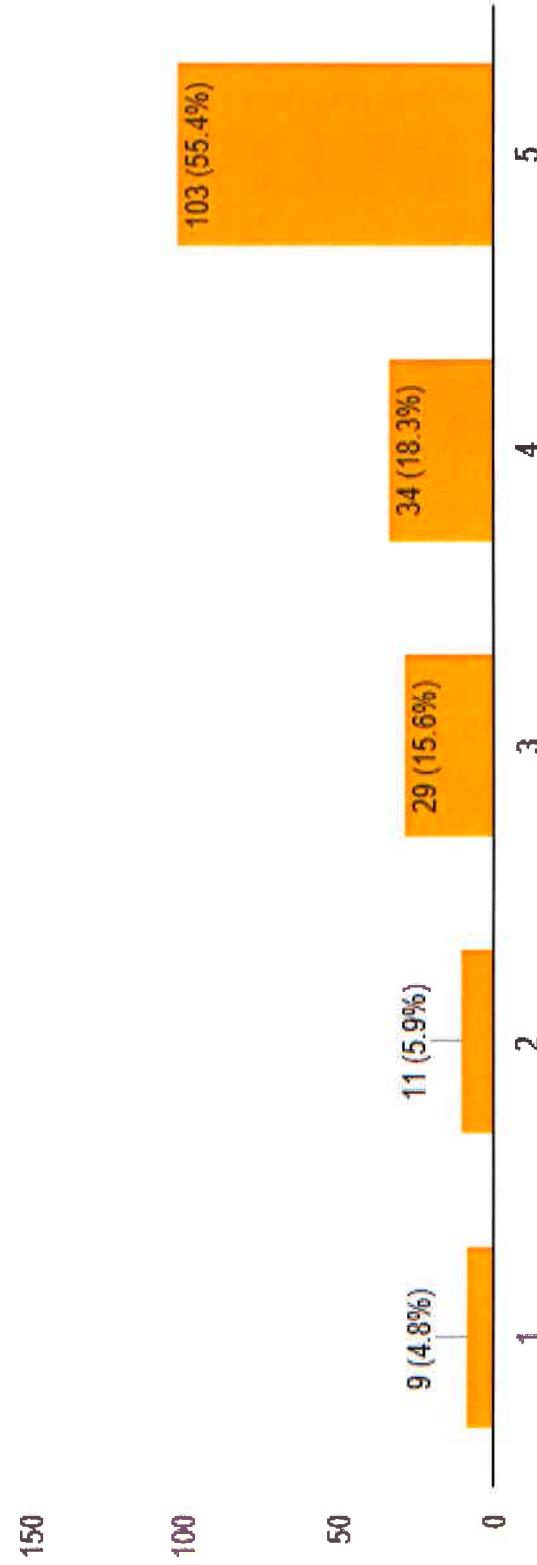
I am an Administrator that works primarily in

11 responses



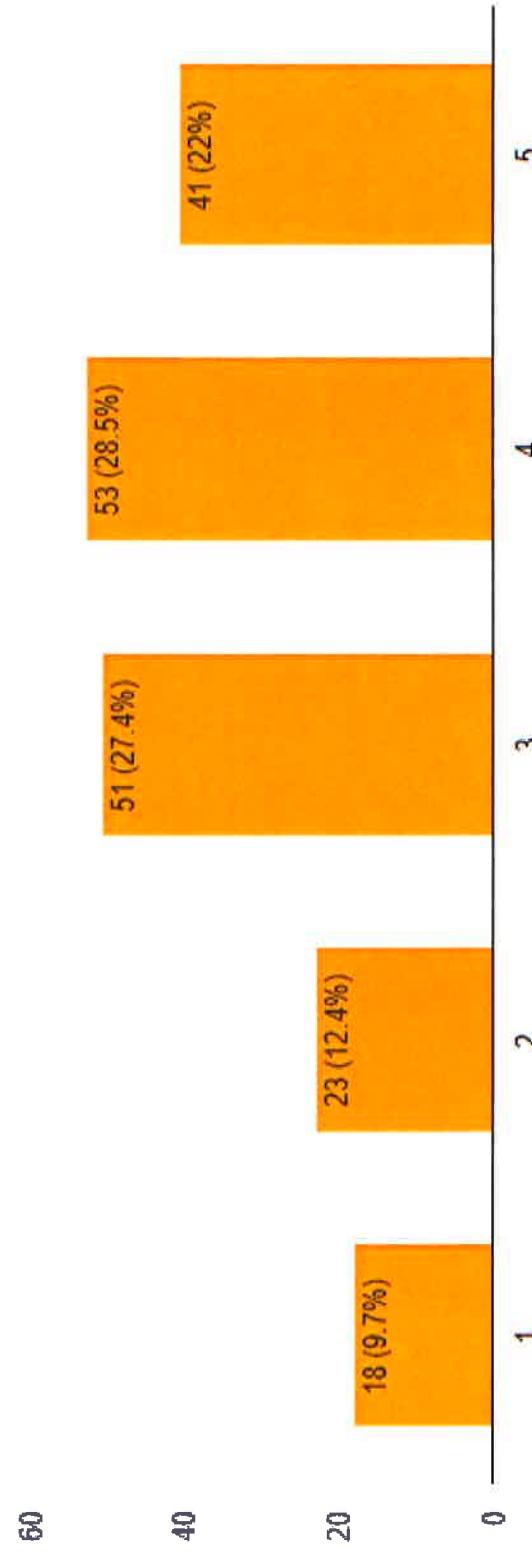
How interested would you be in Active Exploration: Play and Ingenuity theme?

186 responses



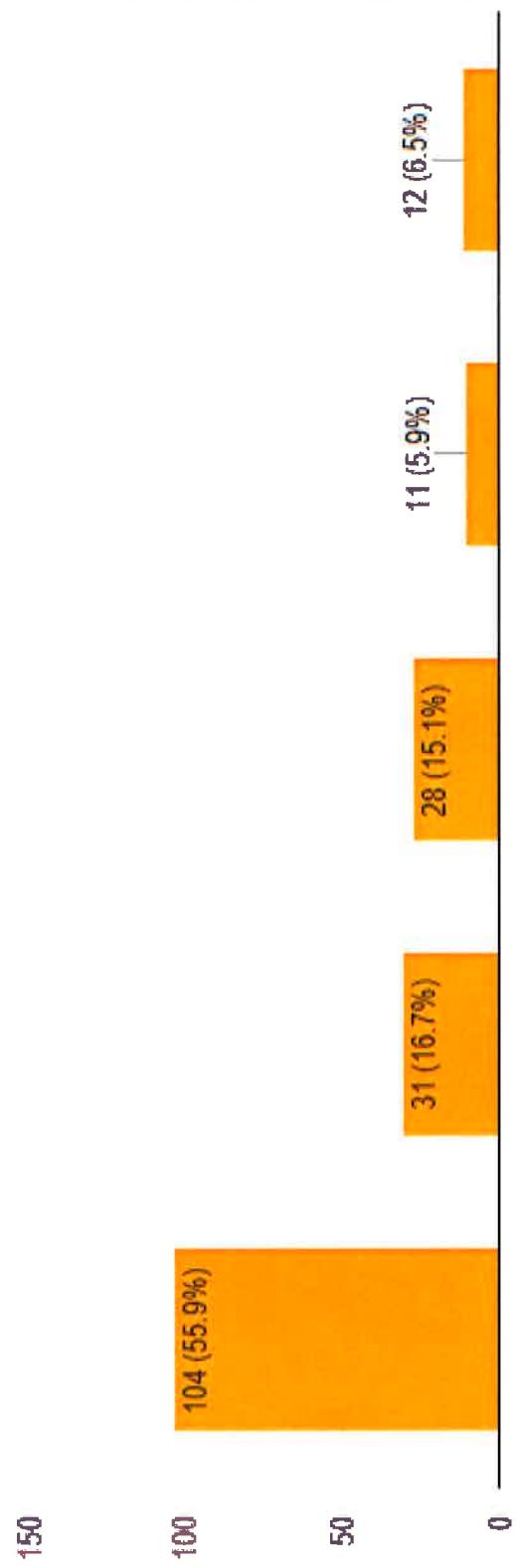
### How interested would you be in Arts - Fine Arts, Dramatic Arts, Visual Arts, Multimedia Arts theme?

186 responses



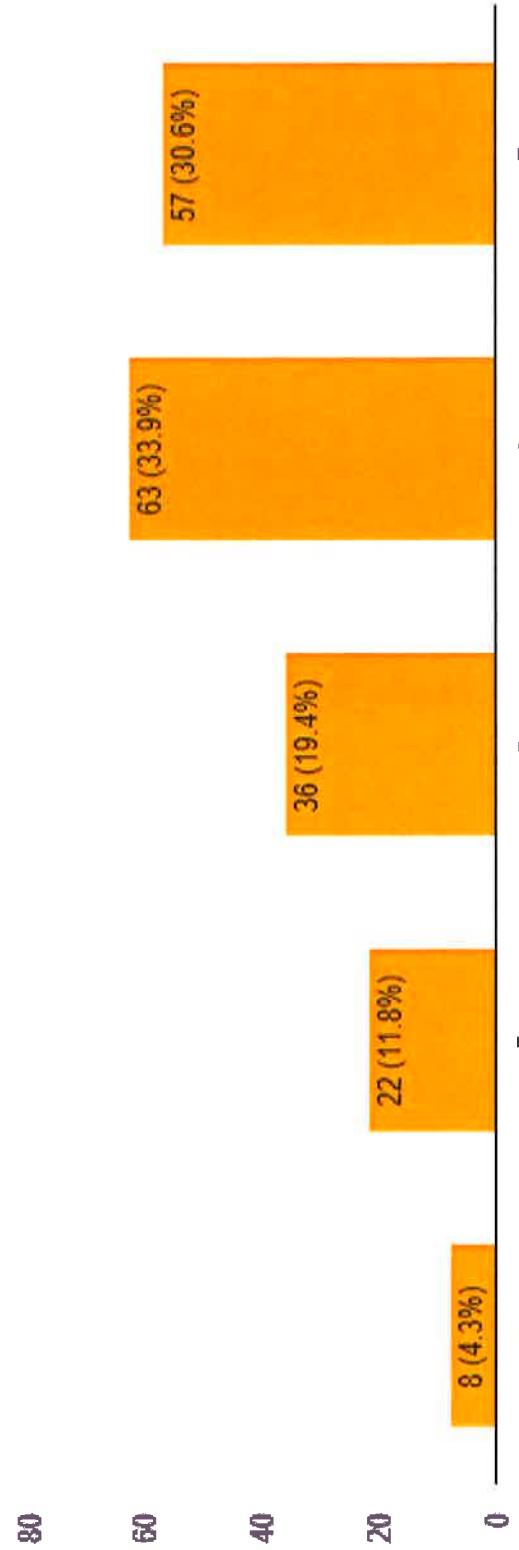
### How interested would you be in a Classical Studies theme?

186 responses



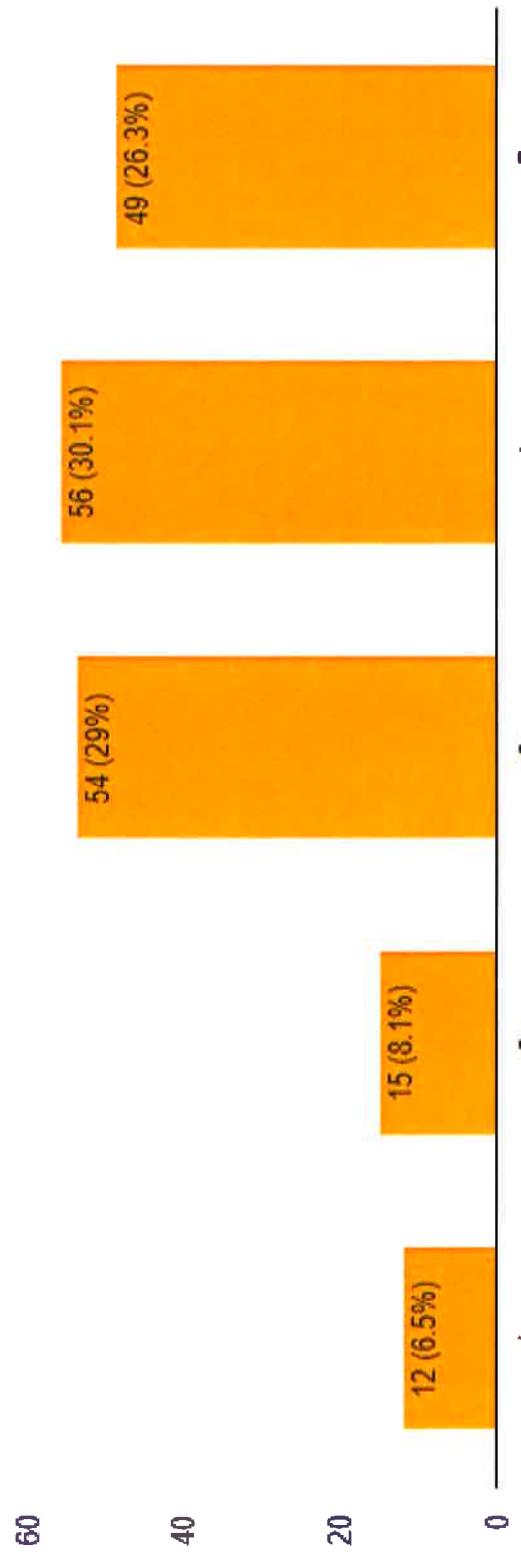
### How interested would you be in Environmental/Marine/Life Science theme?

186 responses



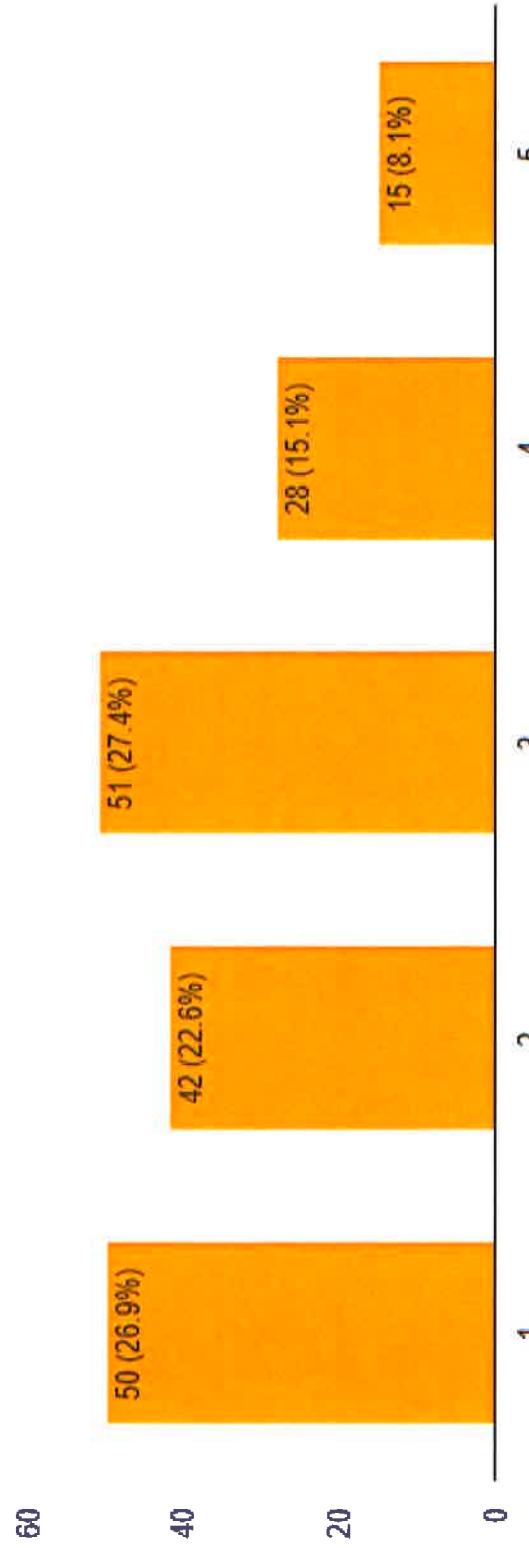
### How interested would you be in Discovery Academy?

186 responses



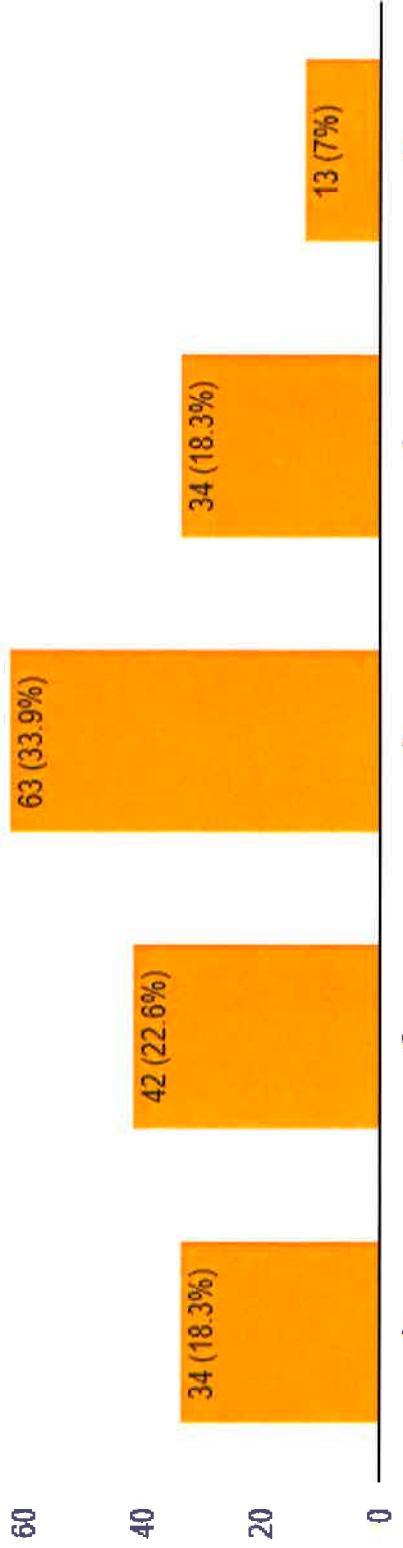
How interested would you be in IB Primary Years Program (PYP) theme?

186 responses



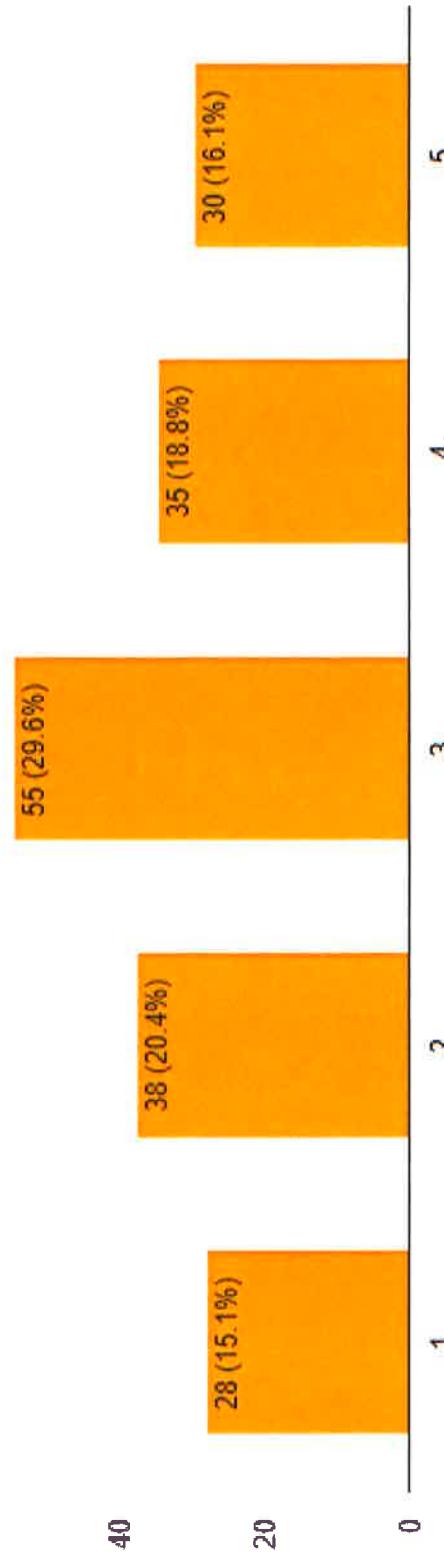
### How interested would you be in STEM Leadership theme?

186 responses



How interested would you be in STEAM - Science, Technology, Engineering, Arts, and Mathematics theme?

186 responses



Please rank your preference of magnet themes below on a scale from 1 to 8. One (1) being your top choice and eight (8) as your last choice.

Please rank your preference of magnet themes below on a scale from 1 to 8. One (1) being your top choice and eight (8) as your last choice.

