

**BROOKLINE SCHOOL BOARD  
ORGANIZATIONAL MEETING  
MARCH 28, 2017  
MEETING MINUTES**

The Organizational Meeting of the Brookline School Board was conducted on Tuesday, March 28, 2017 at 6:00 p.m. at the Captain Samuel Douglass Academy.

Superintendent Andrew Corey presided:

Members of the Board Present:

Lauren DiGennaro
Kenneth Haag
Matthew Maguire
Alison Marsano
Erin Sarris

Members of the Board Absent:

Also in Attendance:

Gina Bergskaug, Assistant Superintendent
Kristen Maher, Assistant Business Administrator
Dennis Dobe, Principal, Captain Samuel Douglass Academy
Daniel Molinari, Principal, Richard Maghakian Memorial School
Brian Rater, Brookline Finance Committee

---

**ORGANIZATION OF SCHOOL BOARD**

**ELECTION OF OFFICERS**

Superintendent Corey called for nominations for Chairman of the Brookline School Board for the 2017-2018 term.

**MEMBER HAAG NOMINATED MEMBER MAGUIRE  
SECONDED BY MEMBER DIGENNARO**

**VOTE ON ELECTION OF MATTHEW MAGUIRE TO THE POSITION OF CHAIRMAN OF THE BROOKLINE SCHOOL  
BOARD FOR THE 2017-2018 TERM  
MOTION CARRIED  
5-0-0**

*Superintendent Corey declared Matthew Maguire Chairman of the Brookline School Board for the 2017-2018 term.*

***Superintendent Corey stepped down and Chairman Maguire presided.***

Chairman Maguire called for nominations for Vice-Chairman of the Brookline School Board for the 2017-2018 term.

**MEMBER DIGENNARO NOMINATED MEMBER SARRIS**

Ms. Sarris offered the opportunity to a more experienced Board member.

**MEMBER HAAG NOMINATED MEMBER DIGENNARO  
MOTION SECONDED BY MEMBER SARRIS  
MOTION CARRIED  
5-0-0**

**VOTE ON ELECTION OF LAUREN DIGENNARO TO THE POSITION OF VICE-CHAIRMAN OF THE BROOKLINE  
SCHOOL BOARD FOR THE 2017-2018 TERM  
MOTION CARRIED  
5-0-0**

*Chairman Maguire declared Lauren DiGennaro Vice-Chairman of the Brookline School Board for the 2017-2018 term.*

Chairman Maguire called for nominations for Secretary of the Brookline School Board for the 2017-2018 term.

**MEMBER SARRIS NOMINATED MEMBER MARSANO**

**SECONDED BY MEMBER DIGENNARO**

**VOTE ON ELECTION OF ALISON MARSANO TO THE POSITION OF SECRETARY OF THE BROOKLINE SCHOOL BOARD FOR THE 2017-2018 TERM**

**MOTION CARRIED**

**5-0-0**

Chairman Maguire declared Alison Marsano Secretary of the Brookline School Board for the 2017-2018 term.

**Chairman Maguire announced the following committee assignments:**

	<b>(Liaison)</b>	<b>(Alternate Liaison)</b>
Brookline Finance Committee	Lauren DiGennaro	
Brookline Policy Committee	Kenneth Haag	Erin Sarris
SAU41 Governing Board Policy Committee	Kenneth Haag	
Signing of Manifests	Erin Sarris, Alison Marsano	Matthew Maguire
Teacher Luncheon	Erin Sarris	
Start Time Committee	Erin Sarris	

Chairman Maguire noted the following liaison positions that would be discussed at the Board's April meeting, and requested members wishing to volunteer for the positions make that desire known to him.

Negotiating Teams; Brookline Education Support Staff (BESA) and Brookline Teachers Association (BTA)  
Regional Services Educational Center (RSEC)

**Brian Rater departed at 6:14 p.m.**

#### DELIBERATIONS

- To see what action the Board will take regarding re-adoption of Policy BCA – Board Member Code of Ethics.

**MOTION BY MEMBER HAAG THAT THE BOARD, BY ROLL CALL, STATE AGREEMENT TO ADHERE TO POLICY BCA – BOARD MEMBER CODE OF ETHICS**

**MOTION SECONDED BY MEMBER DIGENNARO**

*A Viva Voce Roll Call was conducted, which resulted as follows:*

Yea: Matthew Maguire, Kenneth Haag, Lauren DiGennaro, Alison Marsano, Erin Sarris

5

Nay:

0

**MOTION CARRIED**

- To see what action the Board will take regarding re-adoption of Policy DFA – Investment.

RSA **197:23-a IV** reads in part: "At least yearly, the school board shall review and adopt an investment policy for the investment of public funds in conformance with the provisions of applicable statutes."

The Board was informed of the State requirement to review the policy on a yearly basis. The intent is to provide an opportunity, at least yearly, to consider investments. In large districts that receive tax dollars in a single transfer, there may be a decision to invest as a means of generating revenue. As identified within the current policy, the School District Treasurer working in conjunction with the Superintendent and his/her designee and pursuant to RSA 197:23-a, is authorized to invest the funds of the District subject to specified objectives and standards of care.

**MOTION BY MEMBER HAAG TO ADOPT POLICY DFA – INVESTMENT**

**MOTION SECONDED BY MEMBER MARSANO**

A Viva Voce Roll Call Vote was conducted, which resulted as follows:

Yea: Matthew Maguire, Kenneth Haag, Lauren DiGennaro, Alison Marsano, Erin Sarris

Nay:

5  
0

**MOTION CARRIED**

AGENDA ADJUSTMENTS

Superintendent Corey requested the agenda be adjusted to include a section for Public Input, which was inadvertently omitted from the agenda. It was suggested public input could follow Principal Reports.

*There being no objection, the agenda was adjusted as requested.*

CORRESPONDENCE/RESIGNATIONS/NOMINATIONS

Superintendent Corey informed the Board of his receipt of a letter of resignation from Katherine Joseph, Special Education Teacher. In her letter, Ms. Joseph thanked the District for the many opportunities for professional and personal growth and development during her time with the District.

**MOTION BY MEMBER SARRIS TO ACCEPT, WITH REGRET, THE LETTER OF RESIGNATION RECEIVED FROM KATHERINE JOSEPH, WITH AN EFFECTIVE DATE OF JUNE 30, 2017**  
**MOTION SECONDED BY MEMBER HAAG**

ON THE QUESTION

Chairman Maguire thanked Ms. Joseph for her time in the District.

**MOTION CARRIED**

**5-0-0**

Superintendent Corey informed the Board of his receipt of a letter of resignation from Tina LaMacchia, Special Education Teacher. In her letter, Ms. LaMacchia spoke of having enjoyed her time with the students and the opportunity to get to know the Brookline community.

**MOTION BY MEMBER SARRIS TO ACCEPT, WITH REGRET, THE LETTER OF RESIGNATION RECEIVED FROM TINA LAMACCHIA WITH AN EFFECTIVE DATE OF JUNE 30, 2017**  
**MOTION SECONDED BY MEMBER DIGENNARO**

ON THE QUESTION

Chairman Maguire thanked Ms. LaMacchia for her time in the District.

**MOTION CARRIED**

**5-0-0**

Superintendent Corey welcomed Alison Marsano to the Board, and thanked the voters for their overwhelming support.

The SAU has been invited to join the Rotary as a corporate member, which would allow Brookline, Hollis, and the COOP to be part of the Rotary. The Rotary provides approx. \$12,000 worth of scholarships for Hollis and Brookline on a yearly basis. In addition, they are a large supporter of the greenhouse project at the Hollis Brookline Middle School (HBMS). Membership will allow the Principals to attend their monthly meetings where they can update the Rotary on the happenings in the schools, and see where opportunities exist to work with the Rotary. The cost of membership is \$240, which will be split between the four entities.

The American Legion of Hollis and Brookline has made a generous donation, through their representative Bob Glover. An American flag and a State flag are being donated to each one of the 6 schools. The flags will be for internal use (wall or floor mounted), and it is hoped they will be in place before Memorial Day.

The Richard Maghakian Memorial School (RMMS) lost a boiler last week. The expense was unplanned (\$7,100). The Administration is looking to fund that through the operating budget. However, that is dependent upon what occurs in the coming months. If necessary, the Administration will request the Board approve the expenditure from the Maintenance Trust Fund.

When asked about the run rate with regard to snow removal, etc., Superintendent Corey responded the District is running about half a percent below where expected. He noted the Revenue and Expense Report would be addressed later in the meeting.

PUBLIC INPUT – None

## PRINCIPALS' REPORT

Principal Dobe spoke of the Grade 6 Egg Smash/Crash/Dash event held on March 23<sup>rd</sup>, which was the culmination of a multi-week project. As part of their Science program, students formed design/engineering/build teams across classrooms to compete in a series of events utilizing cars constructed using K'Nex.

The Captain Samuel Douglass Academy (CSDA) PTO Theatre Club performance will be conducted in early April. This year the club will perform the Lion King Junior. Performances will be held in the evening of April 7<sup>th</sup> and a matinee in the afternoon on Saturday, April 8<sup>th</sup>.

Principal Molinari thanked the PTO for sponsoring the recent RMMS Read Across America Week. The previous week STAR Lab was in-house for the 1<sup>st</sup> grade students. It was basically a blown up planetarium that was placed in the gymnasium for the day. That event was also sponsored by the PTO.

Principal Molinari spoke of the recent STEM Faire conducted at the HBMS. It was a well-attended event with approx. 475 participants.

Principal Molinari read the following proposal from the Kindergarten Team into the record:

*"As of February 17th, our half day kindergartners have missed a week and a half of school due to two hour delays when there is no morning kindergarten. The kindergarten staff is proposing that these students make up some of this time by attending the last week of school full day with dismissal for them at 2:30. This will also help with their transition to first grade."*

**Chairman Maguire stated his support for the change. No objections were stated.**

Principal Molinari informed the Board of a donation made by the Boston Bruins; upwards of \$1,200 worth of Boston Bruins street hockey gear, which will be utilized in the P.E. classes and for an after-school street hockey session.

**The Board stated appreciation for the donation.**

Elizabeth Penney, Science Specialist, provided a PowerPoint presentation. The presentation highlighted the Science, Technology, Engineering & Math (STEM) specific activities occurring at every grade level. A list of the activities was provided (attached).

Ms. Penney noted in addition to the STEM specific activities presented, a great deal of lab/hands-on problem based and project based Science is occurring in all grade levels this year.

Ms. Penney has a BS in Zoology and M.Ed. Elementary & Environmental Education. She has experience teaching K-12; started with 12<sup>th</sup> graders, spent the beginning of her career with 9<sup>th</sup> and 10<sup>th</sup> graders, and taught in public and private schools as well as environmental centers. She currently works with homeschoolers on the days she is not working in the District. She spoke of Science as her passion.

In her role at CSDA and RMMS, she spends much of her time in classrooms, writing curriculum, and assisting teachers in locating curriculum to transition our Science to the Next Generation Science Standards (NGSS). Along with the integration to NGSS, the District is working to ensure there is a great deal of integration of Math and ELA particularly at the K-3 grade levels. At those levels, there is not as much time for Science with the focus on Math, Reading, and Writing.

She does a great deal of organization and designing of STEM activities and helping the teachers lead those activities. She model teaches with the teachers. At grade level PLCs or team meetings they debrief; figure out what worked well and what needs to be changed for next year.

She has also worked independently with students at both schools. CSDA has a flex block at each grade level, and the specialists have offered four-week sessions that enrich curriculum at the different levels. At RMMS, she and Lisa Winters, Math Specialist, have been doing a 2-3 class rotation with every classroom of students where it is a Math/Science measuring station; they have a link measurement, mass measurement, and volume measurement. The students are using scientific materials and tools to practice that measuring. All of the students at RMMS have participated.

This year she has done two sessions of professional development for the teachers in looking at what STEM is in more detail; helping them plan lessons as an entire school and then focused on grade levels. She participated in the November 8<sup>th</sup> SAU Professional Development Day as well.

The presentation included a series of photographs of the different activities occurring at the various grade levels. Ms. Penney provided an explanation of the activities depicted.

Ms. Penney praised the teachers for the excellent job they have done. She commented on the District goal of 5 STEM activities, which all teachers exceeded. She spoke of how much teachers and students have enjoyed the activities.

Principal Molinari commented Ms. Penney has sparked our District with Science. The students and teachers are really enjoying the activities, most of which Ms. Penney has designed on her own or in collaboration with other teachers.

Superintendent Corey expressed his gratitude to all involved commenting it has only been 2 years since this program started, and what has happened in that timeframe is remarkable.

Ms. Penney commented on having been approached by some 5<sup>th</sup> grade parents who wished for research to be done in an attempt to get 6<sup>th</sup> grade camp back. The research was conducted, and there is the hope that camp will return for next year. A formal proposal will be provided to the Board in the coming months. Three camps were looked at, and the Ecology School in Maine was chosen. The Ecology School is NGSS aligned. It is not just team building and environmental education; it is really aligned with what the 6<sup>th</sup> grade curriculum is. It is accessible pricewise and comfortable for what the District is looking for. An application has been submitted to determine if they have availability during the time the District would like to attend. Once that information is available a formal proposal will be brought forward.

Principal Dobe thanked Ms. Penney for her charismatic leadership. Things have changed in very dynamic and exciting ways in the District, and we have her to thank for a great deal of that.

Principal Dobe provided a presentation on the "Portrait of a Graduate" project. The project began recently, and is regarded as a community visioning project for the District. The idea is to consider what we want our students to look like when they leave 6<sup>th</sup> grade and embark on their next adventure at the HBMS. As we anticipate what education is likely to be in the time ahead and the workplaces of tomorrow, this program looks at the skills students will need and experiences they should have before moving on to the next level to ensure their chances of being successful.

A conceptual organization of the project (chart) was displayed (copy attached). The intent is to develop a schematic that will make a statement about what we are about as a school. All of the constituent groups have been involved, and additional feedback will be sought from parents. The hope is to put something together that will be graphic, and that the students will be able to connect with.

#### HEALTH INSURANCE UPDATE

Superintendent Corey remarked having received a Guaranteed Maximum Rate (GMR) from the healthcare carrier of 15.9% the District budgeted for that amount (worst case scenario), and went out to bid to see what was available in the market place. A few days ago the insurance company contacted the SAU to provide the actual rate of 7.3%. The belief is the GMR came in as high as it had because of the volatility of the insurance industry as a whole. As a result of the actual rate provided, the District will remain with its current carrier. At the Board's next meeting, the Administration will provide a full report of how that rate translates into dollars.



Ms. Sarris questioned if insurance carriers negotiated or if the carrier was aware the District was considering another option. Superintendent Corey responded they don't typically negotiate, but to identify a rate, any potential carrier would have to reach out to the existing carrier to gather data relative to the risk pool. As a result, the existing carrier was well aware the District was looking at what may be available. Superintendent Corey noted the closest competitor in the process would have resulted in an 8% increase.

## DISCUSSION

- Revenue and Expense Report

Kristen Maher, Assistant Business Administrator, spoke of the Expense and Revenue Report included with the agenda packet (as of 3-22-17). The ending balance for quarter 3 is identified as \$39,504.95. She noted the balance includes expenses associated with a special education student the Board was aware of. However, an additional special education student has entered the District. As a result, those figures could be impacted. In terms of revenue, the District is in line with what was budgeted.

Superintendent Corey commented the community continues to experience growth with students coming into the District on a regular basis. He spoke of being pleased that the community passed the Warrant Article for the establishment of a Special Education Fund remarking on the difficulties that can be experienced when unanticipated expenses such as those come about.

## NON-PUBLIC SESSION

**MOTION BY MEMBER SARRIS THAT THE BOARD, BY ROLL CALL, GO INTO NON-PUBLIC SESSION PURSUANT TO RSA 91-A:3 II (a) THE DISMISSAL, PROMOTION OR COMPENSATION OF ANY PUBLIC EMPLOYEE AND RSA 91-A:3, II (c) TO DISCUSS A MATTER, WHICH IF DISCUSSED IN PUBLIC, WOULD LIKELY AFFECT ADVERSELY THE REPUTATION OF A PERSON, OTHER THAN A MEMBER OF THE BODY OR AGENCY ITSELF**  
**MOTION SECONDED BY MEMBER DIGENNARO**

*A Viva Voce Roll Call was conducted, which resulted as follows:*

Yea: Matthew Maguire, Kenneth Haag, Lauren DiGennaro, Alison Marsano, Erin Sarris

Nay:

**MOTION CARRIED**

*The Board went into non-public session at 7:14 p.m.*

*The Board came out of non-public session at 7:40 p.m.*

## DELIBERATIONS

- To see action the Board will take regarding the Superintendent's recommendations for teacher nominations.

**MOTION BY MEMBER HAAG TO ACCEPT THE SUPERINTENDENT'S RECOMMENDATION FOR TEACHER NOMINATIONS, AS PRESENTED**  
**SECONDED BY MEMBER SARRIS**  
**MOTION CARRIED**

**5-0-0**

- To see what position the Board will take regarding the proposed 2017-2018 school calendar.

Assistant Superintendent Bergskaug spoke of the proposed calendar included with the Board's agenda packet. She noted the proposed calendar has a start date of August 31<sup>st</sup>. The calendar includes three (3) teacher professional development (PD) days in August, an embedded PD day in November (November 9<sup>th</sup>), the traditional PD day the Wednesday before Thanksgiving, and the traditional February and April vacation weeks. The last day of school is anticipated as June 18<sup>th</sup> (includes 5 snow days). Teachers stay onsite for two additional PD days.

When asked, she stated it is hoped the calendar will be aligned in all three districts. The Brookline School District was the first to consider it.

Ms. DiGennaro questioned if the 2<sup>nd</sup> PD day has to be in November. Assistant Bergskaug responded it does not have to be. She spoke of the lengthy discussion that has occurred at the COOP School Board with regard to where that day should be. The concern with having it later in the year is given possible snow days and interruptions of school it becomes problematic for students studying for AP exams. In addition, having the PD in November is the perfect time for the high school students to conduct college visits; prior to winter sports and after fall sports. When asked, she stated the PD day is SAU-wide.

Superintendent Corey noted were the PD days to differ across the SAU it would result in an additional cost associated with busing. He also noted the PD day scheduled prior to the Thanksgiving break falls on parent/teacher conferences in some of the buildings.

The question was raised of whether the November 6<sup>th</sup> date for PD should remain consistent given it would fall on an election day in the next school year. It was explained that the month of November is choppy regardless, e.g., Veterans Day is celebrated on the 11<sup>th</sup> unless the 11<sup>th</sup> falls on a Saturday or Sunday.

Ms. Sarris spoke of Town elections conducted in March, and noted this year there was discussion of that being a day of no school because of voting in the schools. Superintendent Corey remarked, having discussed the concerns with Principal Dobe, Tad Putney, Town Administrator, and William Quigley, Police Chief, they were able to run the election and do it very well with school in session. Superintendent Corey stated his support for continuing in that manner.

Ms. Sarris spoke of the concern with the ability for individuals to carry concealed weapons without a permit, and suggested there to be the possibility that community inquiries will come about as a result of that. Superintendent Corey remarked he does not disagree with that, and informed the Board the SAU is in discussions with legal counsel as there may be some things to be considered via policy. The Policy Committee may be bringing something forward in that regard in the future.

When asked, Superintendent Corey stated the Administration would likely bring a proposal forward relative to blizzard bags as a means of dealing with numerous snow days. He stated a concern with instances where some may and some may not have power during those times, etc. He would like to see something more in line with virtual learning on a planned day.

**MOTION BY MEMBER HAAG TO APPROVE THE 2017-2018 SCHOOL CALENDAR, AS PRESENTED**  
**MOTION SECONDED BY MEMBER MARSANO**  
**MOTION CARRIED**  
**5-0-0**

APPROVAL OF MINUTES

Brookline School Board ..... January 12, 2017

*The following amendments were offered:*

Page 3, Lines 8 and 10; insert "hourly" before "salary"  
Page 3, Line 47; insert "to" before "February"

**MOTION BY MEMBER SARRIS TO ACCEPT AS AMENDED**  
**MOTION SECONDED BY MEMBER HAAG**  
**MOTION CARRIED**  
**4-0-1**  
*Member Marsano Abstained*

Brookline School Board – **Public Hearing** ..... January 12, 2017

**MOTION BY MEMBER HAAG TO ACCEPT AS PRESENTED**  
**MOTION SECONDED BY MEMBER DIGENNARO**

**MOTION CARRIED**

**4-0-1**

*Member Marsano Abstained*

Brookline School Board ..... February 6, 2017

**MOTION BY MEMBER HAAG TO ACCEPT AS PRESENTED**

**MOTION SECONDED BY MEMBER DIGENNARO**

**MOTION CARRIED**

**4-0-1**

*Member Marsano Abstained*

Brookline School Board – **Deliberative Session**. .... February 6, 2017

*The following amendments were offered:*

Page 4, Line 47; insert "BY UNIDENTIFIED CITIZEN" after "MOTION SECONDED"

Page 5, Line 26; insert "is" after "she"

**MOTION BY MEMBER HAAG TO ACCEPT AS AMENDED**

**MOTION SECONDED BY MEMBER SARRIS**

**MOTION CARRIED**

**4-0-1**

*Member Marsano Abstained*

**AGENDA BUILDING**

Portrait of a Graduate Project Presentation

ELA Presentation

6<sup>th</sup> Grade Camp; Ecology School

Health Insurance - Update

Maintenance Trust - Update

Revenue & Expense Report

Policy JRA - Student Records and Access

Policy ILD - Educational Questionnaires, Surveys and Research

Policy BCA - Board Member Code of Ethics

**ADJOURNMENT**

**MOTION BY MEMBER HAAG TO ADJOURN**

**SECONDED BY MEMBER DIGENNARO**

**MOTION CARRIED**

**5-0-0**

*The March 28, 2017 Organizational Meeting of the Brookline School Board was adjourned at 8:00 p.m.*

Date \_\_\_\_\_ Signed \_\_\_\_\_



**Brookline STEM Activities per Grade Level: September 2016 to March 2017**

**Note:** These are activities that integrate two or more disciplines - Science, Math, Engineering, or Technology. They may also integrate ELA, Social Studies, Art, Gym, Music, and Library.

**Whole School**

**RMMS**

- Finch in a Box: Based on the book "Not a Box" Students used a box to protect the Finch Robot from Predators
- Measuring Science: Students used tools (Scale, ruler, graduated cylinder) to measure natural items and record, graph and analyze their results
- Integrated Special: Specialists have created a variety of wonderful STEM design challenges for students. Examples include fixing problems with winter activities, 1 day STEM challenges, Little Bits inventions, Coding, Harmless Holders, Tough Tables, Convenient Carrier, Hands Free Holder, Musical Movie, Musical Machines, Super Hero Training Camp, Crating Lego Community, Moveable Lego Creations and many more.

**CSDA**

- Up, Up, and Away: Based on the moving up students learned about the properties of lift and aerodynamics. They then designed balloons to carry 3 pennies to the highest elevation.
- Flex Block: Designing Circuits, Completing a Raspberry Pi Challenge, Animal Tracking, Coding, Using iPad apps to create images with odd perspectives, STEM Stations

**Kindergarten**

- Measuring pumpkins with blocks
- Lifting the injured Pumpkin to the table without touching it
- Creating a Slide for two characters in a book
- Investigating Blubber
- Measuring the classroom with animal footprints
- Discovering and measuring what the sun does to different surfaces on Earth
- Coming soon: Creating a shelter to stop the Lego Men from melting

**1st Grade**

- Building a boat out of tinfoil that can hold the most weight
- Building a tower to protect Johnny Appleseed's Apple - build a tower with 20 cubes and craft sticks (optional) that will hold an apple (or more)
- Creating animals using leaves (without cutting the leaves)
- 3-D Ice Sculptures
- Coming Soon: Building a device to transfer a message using sound

**2nd Grade**

- Building a successful ecosystem
- Creating a tower, plane, boat, and Car from the same 6 objects and 12 inches of tape
- Solving engineering problems through the understanding of properties of Matter
- Creating a more effective Native American Shelter
- Coming Soon: Designing a way to stop or slow erosion from wind or water

3rd Grade

- Designing a Roller Coaster: Create a roller coaster using pipe insulation and a marble to demonstrate balanced and unbalanced forces
- Cupcake Challenge: Stack 10 plastic cups into a pyramid without touching them with your body, using only string and rubber bands.
- Ping Pong Ball Challenge: Create a device that will move a ping pong ball.
- Designing a marshmallow launcher: Create a device that will launch a marshmallow into a target at different ranges
- The Tinfoil Tower
- Designing a more effective device to insulate pipes during the winter
- Leprechaun Trap: Design and build a "trap" to catch a leprechaun and his gold
- Penny bridges - using only pennies, build a 1 inch high and at least 2 inch wide bridge that stands for at least 10 seconds
- Cup stacking challenge- build the highest, build the strongest
- Coming Soon: Designing a solution to a problem using magnets

4th Grade

- Solo Cup Tower Challenge
- Patterns in Seeds
- Potential Energy and Skateboards
- Designing the Snow Melting Device
- Coming Soon: Designing a way to protect a community from Natural Disasters

5th Grade

- Marshmallow Suspension Challenge -suspended marshmallows in the air
- Straw tower Challenge - build the tallest, freestanding tower, then modify to make it into something new
- Creating a way to determine if an unknown substance is a mixture or a new substance
- Using a knot based on the book - Maniac Magee, students designed a way to move a certain amount of mass
- Designing the most accurate Sundial
- Students Designed a structure using different materials to use as the inspiration for a creative writing story
- Students investigated the Milky Way Galaxy using an iPad app call Star Tracker
- Students a.)build a better 'stagecoach' than the 1800s design based on the book, Riding Freedom b.) pictorial time line c.) fraction mash up (ipads) changing Charlotte to "Charley"
- Coming Soon: Students will design a filter to clean polluted water

6th Grade

- Structure Challenge - build a tower, rocket, rocking chair or bridge out of various materials
- Balloon Tower - Build a freestanding balloon tower in a small group
- Climate PhotoStory: Create a photo story which educates others about climate change, and provides solutions to Climate Change
- Archimedes Screw - After learning about Archimedes Screw students design a more efficient way to get water from areas of low elevation to areas of higher elevation
- Students Completed a multi-disciplinary unit about Hockey which included Science, Math, Gym, Library, and Technology
- Egg, Smash, Dash, and Crash - students build cars to carry and protect an egg. The cars more be efficient in speed, traveling a distance, quick acceleration, and must keep an egg from cracking.
- Coming Soon: Students will participate in a engineering design team to solve a problem by testing different variables of that problem

Community Opportunities

- NH Astrological Society Star Gazing Night
- Brookline STEM Night

- 1 -Snowball Launcher Challenge
- 2 -SAU STEM Faire

## Brookline School District

### Recommendations for Contract Renewals 2017-2018

**Annual Contracts:** Please indicate if professional was on continuing contract in another NH District by putting (CC) next to their name. If so, they move from non-continuing contract to continuing contract when advancing from Year 3 to Year 4.

Year 2 Professional	Grade	Year 3 Professional	Grade
Kimberly Frye	ESOL	Amy Chaput	Sp. Ed
Allie Hills Everett (CC)	Grade 3	Elizabeth Penney	0.75 Science
Kristin Trent	Grade 2		
Jill Robinson	0.5 K		
Jessica Visinski	Counselor		
Hanna Larochelle	6		
Brittany Hicks	6		
Year 4 Professional	Grade	Year 5 Professional	Grade
Shannon Sinclair	0.6 Music	Amanda Bent	Sp. Ed.

#### Annual to Continuing

Cathy Burbee - Nurse	Megan Gagne – 0.6 Art
Lisa Winters-0.5 Math Specialist	

#### Continuing Contracts

Grade Pre-K	Grade K	Grade 1	Grade 2
	Lauren Arruda	Lisa Boucher	Nichole DeDecker
	Virginia Commisso	Sacha Doucet	Kathleen Milewski
	Emily Ekis	Patricia Waller	

Grade 3	Grade 4	Grade 5	Grade 6
Jessica Laflamme	Debbie Calkin	Melissa Leafe	Tim Putnam
Lisa Talcott	Lisa Lindsay	Jane Gauthier	Greg Snoke
Heidi Williams	Joe Vitulli	Renelle Stone	

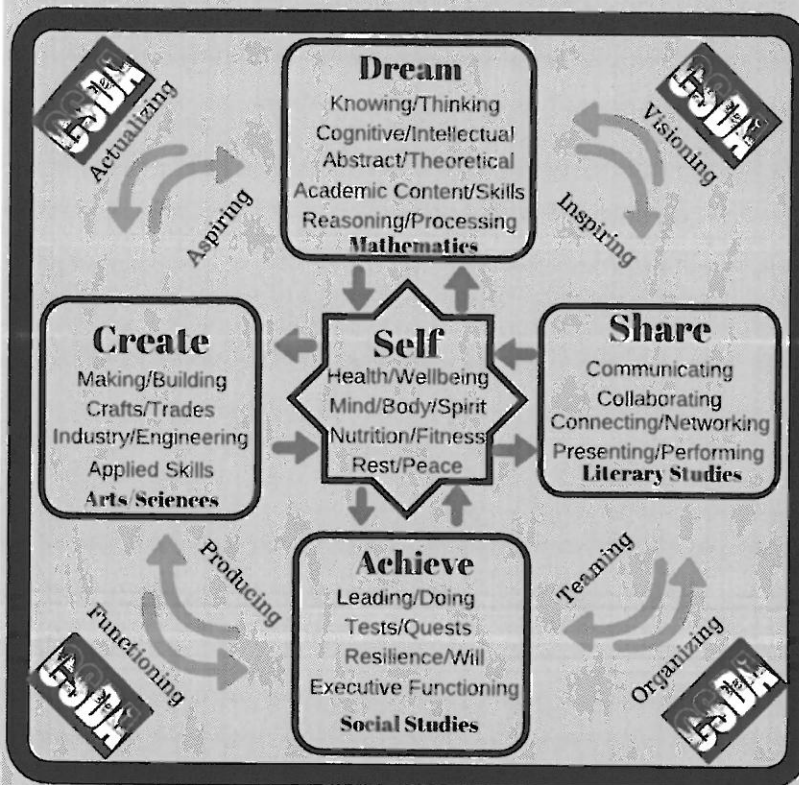
Special Ed Team	Specialist Team	Curriculum Spec.	Other
Stephanie Rogers	Steven Martus (P.E./Health)	Kimberly Beaudette (0.6 Reading)	Deborah Bowry (Guidance)
Sarah Griffin	Kristine Murray (Library)	Shannon Dwyer (Reading)	Maureen Lorden (Nurse)
Andrea Martel	Monica Boisvert (0.6 Art)	Betsy Black (Reading)	
Jaime Matylewski	Jenny Lynch (Tech Integrator)	Karin Pillion (Math)	
	Christina Catino (0.6 Music)		
	Pam Shaw (Computer)		

	Tammy Van Dyke (P.E./Health)		
	Barbara Sobol (Library)		

DRAFT

# Captain Samuel Douglass Academy

## Portrait of a Graduate > v.1



### Concept Organization, March 2017

**What is a POG, and Why Have One? >** A 'Portrait of a Graduate' (or referred to interchangeably as a 'Profile of a Graduate') provides the target, or goal post, for what schools hope to do for their students in many areas of intellectual, social, and personal growth. The POG document will outline what students should know and be able to do, academically, at the end of their time in the school system. Further, it will describe a number of additional social skills, character traits, and functional abilities that will be conducive to their success in the time ahead. Many believe that our world is more complicated, and our society is more sophisticated than in yesteryear. In order for our students to have the best possible opportunity for success in this new world, our educational practices and our goals for students must progress likewise. A well-developed 'Portrait of a Graduate' provides a true road map for student success in the world of tomorrow.

**Who Should be Involved in this Project? >** With comprehensive, whole learning community reforms or projects, it is critical to include school community stakeholders who can offer valuable input during the development of the project, and can offer ongoing feedback related to the success of the program. For Project Brookline Graduate, we must enlist and include the contributions of current Brookline students and alumni, school district staff members, current and recent BSD parents, as well as representatives of the Hollis Brookline Middle School, Superintendent's Office and the Brookline School Board. Working together, we anticipate the best opportunity for success of Project Brookline Graduate.

We are CSDA, and this is how we roll!