



## SCHOOL COMMITTEE

Lisa Fiske- Heger, Chairperson  
Tom Devin, Vice Chairperson  
George Kokoros, Recording Secretary  
Cyril Chafe  
Kate Naughton  
David Ringius  
Joseph Sullivan, Mayor

### SCHOOL COMMITTEE MEETING

Monday, October 24, 2016  
Flaherty Elementary School

#### MINUTES

School Committee Present: Cyril Chafe/Thomas Devin/Lisa Fiske Heger/Kate Naughton/  
George Kokoros/David Ringius/Mayor Joseph Sullivan

Administration: Superintendent of Schools – Dr. Frank Hackett  
Assistant Superintendent of Schools – Ms. Jennifer Fay  
Business Manager – Mr. Ed Cronin

Student Representatives: Lily Connolly/Kathleen Kilmain/Erin McGinn/  
Matthew Pugsley

Recorder: Mary Ann Cuddahy

#### I. CALL TO ORDER

Ms. Fiske Heger called the meeting to order at 7:06 p.m. Ms. Fiske-Heger asked all in attendance to stand as the Flaherty School 5<sup>th</sup> graders sang the “Star Spangled Banner”.

#### II. ROUTINE MATTERS

##### A. Consideration of Approval of Minutes: Open Session September 26, 2016

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Mr. Ringius to approve the minutes for the Open Session of September 26, 2016.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros/  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

##### B. Trip Requests 2016-2017

1. Flaherty and Morrison Elementary School students to sing at the Providence Bruins Game, December 2, 2016 and December 9, 2016 respectively.

Consideration of Approval of Flaherty Elementary School to sing at Providence Bruins Game December 2, 2016.

VOTED UNANIMOUSLY: Upon a motion by Mr. Ringius and seconded by Mr. Devin to approve the trip request for Flaherty Elementary School students to sing at the Providence Bruins Game on December 2, 2016.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros/  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

2. Flaherty and Morrison Elementary School students to sing at the Providence Bruins Game, December 2, 2016 and December 9, 2016 respectively.  
Consideration of Approval of Morrison Elementary School to sing at Providence Bruins Game December 9, 2016:  
 VOTED UNANIMOUSLY: Upon a motion by Mr. Ringius and seconded by Mr. Kokoros to approve the trip request for the Morrison Elementary School students to sing at the Providence Bruins Game on December 9, 2016.  
 ROLL CALL: AYES – 7  
 Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros/  
 Ms. Naughton/Mr. Ringius/Mayor Sullivan
  
3. South Middle School students (grades 6-8) to travel to Mount Sunapee in Newbury, New Hampshire on Saturday, January 28, 2017 and Saturday, March 4, 2017.  
Consideration of Approval of South Middle School students (grades 6-8) to travel to Mount Sunapee in Newbury, New Hampshire on Saturday, January 28, 2017 and Saturday, March 4, 2017.  
 VOTED UNANIMOUSLY: Upon a motion by Mr. Ringius and seconded by Mr. Kokoros to approve the trip request for South Middle School students (grades 6-8) to travel to Mount Sunapee in Newbury, New Hampshire on Saturday, January 28, 2017 and Saturday, March 4, 2017 based on the weather.  
 ROLL CALL: AYES – 7  
 Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros/  
 Ms. Naughton/Mr. Ringius/Mayor Sullivan

C. Communications & Commendations

Communications:

- SEPAC Meeting Minutes from June 6, 2016
- September 30, 2016 South Shore Educational Collaborative Update to School Committee
- Listing of new personnel for the 2016-2017 school year
- Newsletters from the East, Highlands, Hollis, Liberty, Monatiquot, Morrison, and Ross Schools
- BHS Activity Bulletins for the weeks of October 3-7, 2016, October 10-14, 2016, October 17-21, 2016 and October 24-28, 2016
- BEEP (Braintree Extended Enrichment Program) fall informational packet

D. Gift Approvals

Hollis Elementary School Donation: gifts to school totaling \$2,175.00

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Mr. Kokoros to accept as a gift to schools a check in the amount of \$2,175.00 from the Hollis PTO to be used to purchase an ELMO and short throw projector for the Hollis School.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
 Ms. Naughton/Mr. Ringius/Mayor Sullivan

Ross Elementary School Donation; gifts to school totaling \$2,049.80

VOTED UNANIMOUSLY: Upon a motion by Mr. Kokoros and seconded by Mr. Devin to accept as a gift to schools a check in the amount of \$1,500.00 from Harvard Pilgrim Health Care Grant to be used as needed in support of the mission and vision of the Ross Elementary School and a check in the amount of \$549.80 from the Ross PTO as a gift to schools to be used to purchase ink cartridges.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

East Middle School Donation; gifts to school totaling \$11,858.31

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Mr. Kokoros to accept as a gift to schools \$11,658.00 from the East Middle School Cougar-Palooza event to improve the academic and social opportunities for all students at East, as well as a check in the amount of \$200.31 from Lifetouch Photos as a gift to schools to be used to support the mission and vision of East Middle School.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

Braintree High School Donation; gifts to school totaling \$2,500.00

VOTED UNANIMOUSLY: Upon a motion by Mr. Kokoros and seconded by Mr. Devin to accept as a gift to schools a check in the amount of \$2,500.00 from the Quincy Credit Union to be used for the new First Responders Program at Braintree High School.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

Monatiquot School Kindergarten Center School Donations; gifts to school totaling \$716.00

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Mr. Kokoros to accept as a gift to schools \$190.00 from the Yogurt Bar Fundraiser and MSKC sweatshirt sale, \$455.00 from the MSKC Street Sign Raffle and \$71.00 from the sale of cookbooks, decals, excuse pads and pens to be used as needed in support of MSKC.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

Bay State Textile, Inc. Donations; gift to school totaling \$18.00

VOTED UNANIMOUSLY: Upon a motion by Mr. Kokoros and seconded by Mr. Devin to accept as a gift to schools a check totaling the amount of \$18.00 from Bay State Textiles to be used as needed in support of the mission and vision of the Braintree Public Schools.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

III. FROM FLAHERTY ELEMENTARY PRINCIPAL, STAFF & STUDENTS (taken out of order 7:10 - 7:27 p.m.)

Principal Stacey Soto, Flaherty staff and students were invited to make their presentations to the School Committee.

- Third grade students recited school pledge  
3H Mr. Dennis Lynch and Mr. Sawyer Goetz  
3KP Mr. Ojas Shah and Ms. Addison Warcup  
3P Ms. Ella Barry and Mr. Demetres Holley  
3Q Ms. Norah Downey and Mr. Calvin Flaherty
- Fifth grade students presented a science project  
Ms. Kate Lee and Ms. Lauren Robey  
Mr. Mark Parsons and Mr. Michael Crowley
- Second grade students read stories about what they liked about fall, exploring space and being an astronaut.  
2G Mr. Matthew Dolan and Ms. Anna Rosinski  
2H Mr. Alex Kuttner and Ms. Taylor St. Ives  
2L Mr. Luke Joyce and Ms. Nora Shea
- Fifth grade students wrote and recited their poems about pride, bravery, acceptance and kindness.  
Ms. Raya Almahameed, Mr. Henry Austin, Mr. Michael Crowley, Mr. Aaron DiGiorgio, Ms. Lilah Downey, Ms. Charlotte Foley, Mr. Jaden Flaherty, Ms. Bridget Foley, Mr. Jake Joyce, Mr. Timmy Kelly, Ms. Erin O'Donnell, Mr. Mark Parsons, Ms. Lauren Robey, and Ms. Kathryn Tran
- Fourth grade students presented a video about the Buddy Bench and not leaving kids out when playing on the school yard.  
Mr. Thomas Berman, Mr. Aidan Boyle, Ms. Reilly Burke, Ms. Audrey Cavanaugh, Ms. Kelsea Doherty, Ms. Skyla Eaton, Mr. Aidan Finn, Ms. Lais Gomes, Mr. Joshua Janovsky, Mr. Steven John, Mr. Andrew Kaluthanthri, Mr. Avery Keane, Mr. Benjamin Killeffer, Ms. Chloe Liang, Mr. Jamie MacLeod, Ms. Cailyn McDonagh, Ms. Catherine McPhee, Ms. Jessica Najjar, Ms. Mackenzie Pham, Ms. Kyla Rios, Mr. Anthony Turco, Ms. Sadie Webster, Mr. Nathan Welnicki, Mr. Cole Zupkofska
- Fourth grade students and ABA 1 students shared an inclusion slide show about reverse inclusion in the classroom and read a poem.  
Mr. John Knauber, Mr. Eric Le, Ms. Jaclyn McPhee, Ms. Grace Mitchell, Ms. Mary Grace O'Flaherty and Ms. Hailey Richman

Ms. Fiske-Heger congratulated all of the students and staff of the Flaherty School for their participation/contribution to the School Committee meeting. She thanked the students, staff and parents for being at the meeting and for presenting such great information about the Flaherty Elementary School.

#### IV. FROM SUPERINTENDENT AND STAFF

##### A. October 1 Enrollment Report

Dr. Hackett informed the committee that the October 1 enrollment report was in their packet, which had not changed significantly from last month. He explained that the October enrollment is used as the official count provided to the DESE which does impact the school department's funding from the state. Dr. Hackett pointed out the additional grade 3 section at the Flaherty School and that it was definitely the right decision given the size of the class with late summer registrations. He explained that currently the Morrison School is experiencing a similar trend in grade 4. Dr. Hackett and Mayor Sullivan recently visited the Morrison School and expressed to the School Committee that they could feel the challenge of 26 students in a classroom in grade 4 at Morrison. All other elementary sections look very good.

Also included in School Committee packets was class size information for the secondary level. Of note were two sections of Math at South Middle School that are 30 and 31 which is due to scheduling and level choices. Across board class sizes are very favorable. The new BHS schedule had an impact, therefore, allowing for better distribution of class sizes. As a point of interest, data from 2012-2016 showing attrition and retention from grade 8 to 9 was provided. The information shows the number of students going to vocational, collaboratives, charters, private and other school options. This was provided for informational purposes only.

Mayor Sullivan discussed the enrollment information as a very important document outlining class sizes, giving a clear picture of class sizes and what happens when sizes start to rise. He noted that system-wide, there are 21 fewer students than last June. He expressed that the enrollment document is a very important guiding document and that the Committee will continue to monitor this information closely. Ms. Fiske-Heger asked what the average class sizes are at the elementary level. Dr. Hackett responded 20/21.

VOTED UNANIMOUSLY: Upon a motion by Mr. Ringius and seconded by Ms. Naughton to accept and acknowledge the Superintendent's presentation to the School Committee on the October 1, 2016 enrollment report.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros

Ms. Naughton/Mr. Ringius/Mayor Sullivan

##### B. Submission of RFQ for ESCO Project

Dr. Hackett informed the committee that a DRAFT Request for Qualifications (RFQ) for an ESCO project was included in their packet. Dr. Hackett explained that ESCO projects are energy projects. The document was for the School Committee's information, letting them know that the School Department will be submitting the RFQ to begin the process. No action was needed as it was a first step, and it does not commit Braintree to an ESCO project and there is no financial requirement to post the RFQ.

Dr. Hackett explained that the ESCO project would be for energy related savings projects; including HVAC systems and lighting efficiencies and reducing the school department's energy costs. This would be another funding mechanism for BPS to fund those projects through the savings that are

realized from ESCO projects. The RFQ gets this information out to companies so that they can submit their qualifications. Once BPS has gone through the process, companies will present their qualifications and a company would be selected by a yet to be determined committee, to include School Committee representatives. Should BPS choose this route, BPS would come back to the School Committee with a full presentation. At that point the School Committee would be committing to funds. Financing piece, law treats it like a lease purchase. The company would then come in and do a full scale energy savings audit. This will go out in about a week or so. Will keep the committee posted on the timeline.

Mayor Sullivan stated that Braintree has spent millions of dollars on capital improvements in the schools, with all schools seeing attention with an aggressive program over the last 6 to 7 years. In working with MSBA, not only with South Middle in the past and focusing now on East, current work is a statement of how much the Town of Braintree values education. This particular ESCO project being looked at will tighten up the schools and there will be significant savings if this goes forward. The commitment is there, it is being made, and there are some significant savings if handled well. Savings in terms of energy cost will offset the cost of construction.

VOTED UNANIMOUSLY: Upon a motion by Mayor Sullivan and seconded by Mr. Devin to send out the RFQ on the ESCO and receive acknowledgement from the industry.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

#### C. Middle School Transition Team (MSTT) Update

Dr. Hackett began by publically acknowledging Principals John Sheehan and Damon Rainie who are co-chairing this committee. They ran a great meeting in September, did an activity around the Educational Plan submitting to MSBA. The MSTT is a critical group as members will serve as liaisons to the community.

Ms. Fay spoke of the meeting and that the team was given a draft overview of the Educational Plan ahead of time. Mr. Sheehan broke it down into seven categories, which included teaching methodology and structure, school scheduling, special education, grade and school configuration, educational technology, physical education/health and library and media. Both Mr. Sheehan and Mr. Rainie facilitated a discussion that followed including teachers and parents. There was a lot of energy in the room and many wonderful ideas. The MSTT meets once a month.

#### D. Presentation of 2015-2016 Student Achievement Report (taken out of order at approximately 7:30 p.m.)

Dr. Hackett reminded the Committee that at their last meeting a brief overview on student achievement results was presented with the understanding that a comprehensive review would take place at this meeting. Dr. Hackett noted a number of directors were in the audience and he had them introduce themselves (Courtney Miller, Betsey Clifford, Rock Roberts and Anthony Garofalo), and that Ms. Fredericks would make the presentation. Ms. Fredericks explained that she would be presenting an overview on PARCC, MCAS, SAT, ACT & the AP results, as well as review multi-year

trends in achievement, growth on PARCC and where available, comparisons to state & national scores. Ms. Frederick's presentation is highlighted below.

PARCC: Tests were given to grades 3 through 8. Based on Levels 1 -5 (lowest being did not meet expectations and 5 being exceeded expectations). Highlights include outstanding results in grade 3 math, grade 5 and grade 8 ELA. SGP which ideally is between 40 and 60, above 50 means students growing at faster rate than their peers. BPS has many above SGPs above 50. In 2016 there was no state score reported for PARCC because every district across the state had a choice between PARCC and MCAS and the number of districts choosing PARCC was not a representative number. Results are consistently around 80% and well above the state average.

MCAS was taken last year in grades 5, 8, 9 and/or 10 in the subjects of Science, Math, ELA and Literature and English and Math tests were only in Grade 10 as other students were taking the PARCC exam. MCAS scores can range from 200 to 280 with lowest being warning/failing and highest being advanced. Braintree took the paper based science MCAS in grades 5, 8 and the high school and the Legacy (paper based) MCAS will continue through spring, 2017. Overall 71% of BPS students scored proficient or higher compared to 54% of students statewide. High School ELA: 95% of students scored proficient or higher and 93% of students scored proficient or higher on the Math MCAS results. Braintree students perform at levels significantly higher than their peers across the state.

SAT tests results are for the class of 2016, and were taken in either grade 11 or grade 12. Subjects are reading, mathematics and writing. This is the last class of students who will be taking the "old" SAT. Historical SAT results from 2012-2016 were presented. Scores in the 3 categories continue to surpass all state averages. The ACT students get an English, Mathematics, Reading, Science and a Composite score that averages all together. The score range is 1 through 36. Historical ACT results from 2016-2016 were presented. Braintree is generally in-line with or slightly above the state depending on subtest. This represents 102 students, which is a little less than 1/3 of the graduating class. More students are taking the ACT and Braintree is encouraging students to take this test as well as it may highlight their strengths better than the SAT.

AP exams in grades 10, 11 and 12 were taken in English, Math Science, various Social Studies and World Languages and the Arts, including both visual art and Music with a score range from 1-5. Colleges generally grant credit or placements for scores of 3, 4 or 5 but policies are set by individual colleges. Historical information from 2012-2016 were presented. Ms. Fredericks explained the significance in the results are the number of students who participate in AP exams and the increase as well as the results of these students and how well they achieve.

Ms. Fredericks summarized the next steps in terms of all the testing. This year students will take the Next Generation MCAS ELA and Math Exams (MCAS 2.0) in grades 3-8. There will be computer based testing in grades 4 and 8 in ELA and Math. Districts are awaiting sample questions from the state, but we anticipate that it will look similar to past MCAS and PARCC testing. Teams are analyzing data to identify curriculum focus areas for the year and making sure there are supports in place for students. In terms of Science, we are working on improving open response answers and will align the curriculum and grade 5 teachers will be reviewing the materials and strategies. In terms of SAT, ACT and AP, we will analyze new SAT data, enhance the SAT lab and improve community education classes for SAT testing

Ms. Fiske-Heger commented that it was an excellent concise presentation.

Mayor Sullivan commented how, as a committee, they have struggled with the evolving conversation at the state level in terms of testing and wanted to know if other communities are working through the implementation of this and analyzing as in depth as Braintree. Ms. Frederick's response was "yes" and that participating in PARCC has definitely benefitted Braintree. Having a K-12 team of directors helps in analyzing materials and having a vertical plan, especially in science when students are only testing in grades 5 and 8 and then in high school. Mayor Sullivan also asked how supportive DESE has been as we have worked through this. Ms. Fredericks stated that it continues that the state is not supporting schools in ways that it should be. Keyboards will be used for grades 4 and 8 students and all others will be paper and pencil. Mayor Sullivan asked what the deadline is for schools to take all tests on line and Ms. Fredericks stated that the last reported timeframe was that all schools would test on line by 2019. Mayor Sullivan thanked Ms. Fredericks for all her work on testing.

Mr. Devin commented that he feels the teachers prep the students for testing and not always for what their parents might want them to learn or real life. Ms. Fredericks explained that they do not expect MCAS 2.0 to take a lot of time away from classroom teaching. ELA will be in April and math will be in May. The total number of days students will be testing is not a huge number. She explained that on the plus side, compared to MCAS 20 years ago, MCAS 2.0 is likely to be more authentic to classroom tasks that we would want our students to do; real world problems with applications in math and science and writing that we would want to teach students, etc.

Ms. Ringius spoke in terms of AP and asked if we still pay the costs for AP exams (we have increased by 100 students taking these exams since 2012) and Ms. Fredericks and Mr. Garofalo answered that we do. Mr. Garofalo explained that in the South Shore group of School Guidance Counselors, Braintree is the only community who pays for their student's tests. Last year there were some science scores on the lower end (computers science, environmental science, Physics 1 and Physics 2). He wondered why the Physics 1 testing stayed lower after speaking to all the science tests that had improved. Ms. Fredericks explained that up until 2014 our students were taking the Physics B test and in 2015 the AP exam was split into Physics 1 and Physics 2 tests with some taking one or the other. Additionally, the overall number of students increased significantly. Dr. Clifford spoke to the fact that globally only 4.3% students got a 5 on the test. It is only the 2<sup>nd</sup> year that Braintree has had that test. BPS will be doing different labs and work books with sample questions. Part of the problem is the format of the test changed quite a bit, and we are still adapting. All level 1 students are encouraged to take the Physics 1 AP exam and many of them go on to do the AP Physics 2 exam as seniors.

Mayor Sullivan asked if there is any one concern, departmental wide, that jumped out. Ms. Miller spoke in terms of Math, she feels it is the anxiety of not having samples of the new test and not having an example of the next generation MCAS. One thing in particular will be what the testing platform will look like for those who will be testing online. Mr. Roberts echoed Ms. Miller's concerns about testing electronically. Mr. Roberts feels that one of the areas he would like to look further at is to increase participation in the AP classes.

Mayor Sullivan asked the student representatives if they had any comments in terms of what was being discussed. Mr. Pugsley agreed that he would like to see more students take AP English as juniors; most seem to take it as a senior. Ms. Connolly commented on her experience as an AP student in Computer Science, scores may have been lower due to extremely small class size and someone not understanding and AP workload. Ms. McGinn feels that students need to be provided more examples of test questions. She also suggested that possibly having students present to other students what an AP class is like and answer questions by students. Ms. Kilmain stated that as



someone who has not taken an AP course, the biggest thing is the workload and fear of taking AP. She feels that if it is more approachable and expectations of AP are explained to students, the numbers may increase. Mr. Devin asked how we get information on workload to first and 2<sup>nd</sup> year students and do we have that mechanism in place. Ms. Miller commented that Level 1 students hear about workload and stated there is a flexibility of changing levels year to year. Ms. Fredericks added that the Guidance Department works hard with students when choosing classes and talk with students about experiences. Dr. Hackett asked do we know how we compare with the number of students taking AP exams compared to other districts and Mr. Garofalo answered that Braintree takes well more (681 tests taken) compared with districts locally. Mr. Ringius asked how many students participated in AP tests and Mr. Garofalo answer 317.

Ms. Fiske-Heger thanked the directors for all being there and for their work on all the testing.

### Partnership for the Assessment of Readiness for College & Careers (PARCC)

<b>Grades</b>	3-8
<b>Subject(s)</b>	English Language Arts & Literature and Mathematics
<b>Score Range</b>	650-850
<b>Performance Levels</b>	1 (Did Not Yet Meet Expectations) – 5 (Exceeded Expectations)

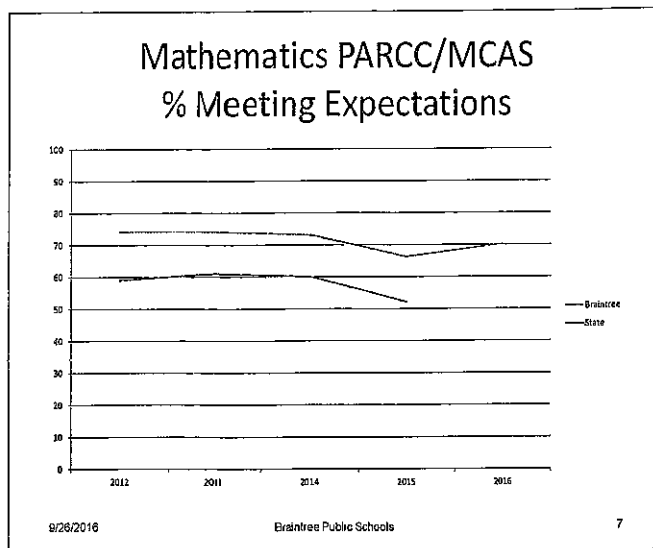
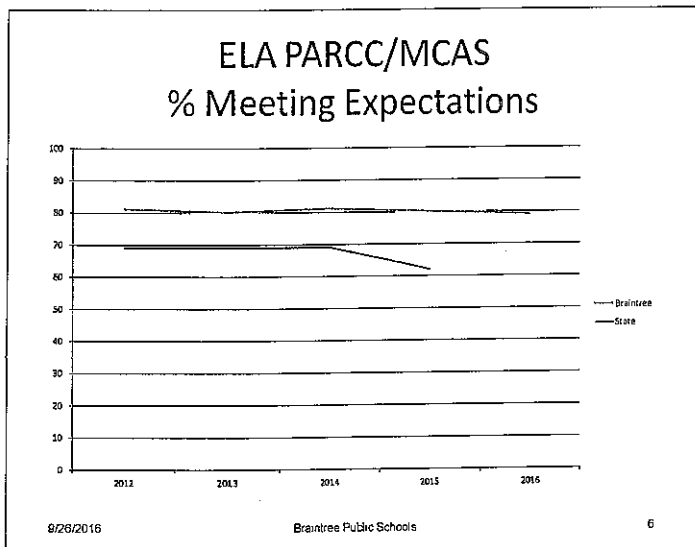
- 2015-2016: State-offered alternative to MCAS
- 2016: Paper-based version

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### 2016 PARCC Results

Grade and Subject	Level 1 %	Level 2 %	Level 3 %	Level 4 %	Level 5 %	Weighted Score	Mean	Median
GRADE 3 ELA	80	10	70	15	4	1	774	94.8
GRADE 3 Math	79	25	54	16	4	1	771	95.7
GRADE 4 ELA	77	25	53	17	5	0	771	89.4
GRADE 4 Math	68	11	57	23	9	0	763	88.6
GRADE 5 ELA	80	13	67	17	2	0	771	96.4
GRADE 5 Math	58	8	50	30	11	1	754	87.8
GRADE 6 ELA	79	20	59	15	5	0	768	94.6
GRADE 6 Math	63	13	55	23	8	1	759	90
GRADE 7 ELA	83	33	50	14	3	1	774	96.9
GRADE 7 Math	74	17	57	20	5	1	764	90.5
GRADE 8 ELA	76	20	56	19	4	1	771	97.4
GRADE 8 Math	71	22	49	21	6	2	773	91.5
GRADE 3-8 ELA	79	20	59	16	4	1	771	95
GRADE 3-8 MATH	70	16	54	22	7	1	764	90.7

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## Massachusetts Comprehensive Assessment System (MCAS)

<b>Grades</b>	5, 8, & 9/10
<b>Subject(s)</b>	Science; English Language Arts & Mathematics for Grade 10 only
<b>Score Range</b>	200-280
<b>Performance Levels</b>	Warning/Failing - Advanced

- Paper-based Science MCAS: grades 5, 8 and HS
- "Legacy" HS MCAS through 2017

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## 2016 Science MCAS

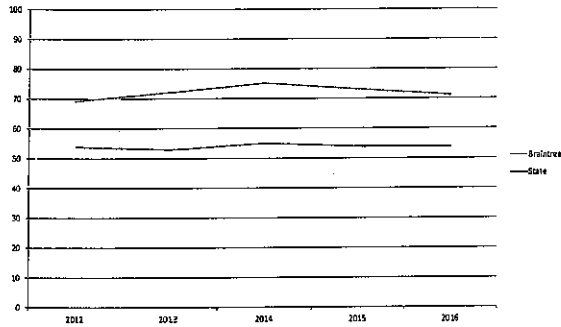
Grade and Subject	Proficient/High		Advanced		Proficient		Warning/Failing		Score		
	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	
GRADE 5 Science	69	47	27	16	42	31	27	38	3	14	89.6
GRADE 8 Science	61	41	11	6	50	35	32	40	7	19	85.4
HS Science	85	73	38	29	47	44	12	21	3	5	35.3
ALL GRADES Science	71	54	24	17	47	37	25	33	5	13	88.8

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## Science MCAS % Proficient & Advanced



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## 2016 HS ELA & Mathematics MCAS

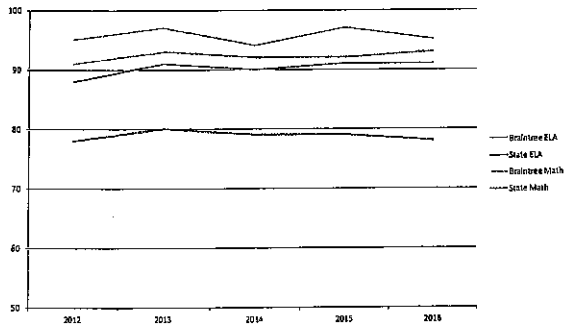
Grade and Subject	Proficient/High		Advanced		Proficient		Warning/Failing		Score			
	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	DISTRICT	STATE	CI	SD		
GRADE 10 ELA	95	91	62	47	33	45	3	6	2	3	99	40
GRADE 10 Mathematics	93	78	71	54	21	24	4	15	3	8	98.1	45.5

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## HS ELA & Mathematics MCAS % Proficient/Advanced



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## SAT

<b>Grades</b>	Class of 2016; In Grade 11 and/or 12
<b>Subject(s)</b>	Reading, Mathematics, and Writing
<b>Score Range</b>	Up to 800 on each subtest

- "Old" SAT vs. "New" SAT

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## SAT Results 2012-2016

Year	SAT Score	2012			2013			2014			2015			2016		
		BHS	MA	US	BHS	MA	US	BHS	MA	US	BHS	MA	US	BHS	MA	US
2012	86%	532	513	496	549	530	514	528	508	488						
2013	88%	507	515	495	532	529	514	503	509	488						
2014	91%	524	516	497	546	531	513	514	509	487						
2015	89%	521	515	495	546	529	511	517	507	484						
2016	88%	518	517	494	541	530	508	510	506	482						

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## ACT

Grade:	Class of 2016; in Grade 11 and/or 12
Subject(s):	English, Mathematics, Reading, and Science with a Composite
Score Range:	1-36

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## ACT Results

Year	2012			2013			2014			2015			2016		
	BHS	MA	US	BHS	MA	US	BHS	MA	US	BHS	MA	US	BHS	MA	US
2012	26	23.9	20.5	26.3	24.5	21.1	25.9	24.2	21.3	24.9	23.2	20.9	25.9	24.1	21.1
2013	23.3	23.8	20.2	25.6	24.4	20.9	24.4	24.4	21.1	23.5	23.2	20.7	24.3	24.1	20.9
2014	22.7	24	20.3	24.8	24.6	20.9	23.7	24.5	21.3	23.5	23.5	20.8	23.8	24.3	21
2015	23.2	24.2	20.4	24.7	24.6	20.8	24.1	24.6	21.4	23.5	23.8	20.9	24	24.4	21
2016	23.6	24.4	20.1	25.1	24.9	20.6	25.2	25.3	21.3	24.2	24.1	20.8	24.9	24.8	20.8

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## Advanced Placement (AP)

Grade:	Grades 10, 11 and 12
Subject(s):	Reading, Mathematics, and Writing
Score Range:	1-5
Performance Level:	Colleges generally grant credit or placement for scores of 3, 4, or 5; policies set by individual colleges

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## AP Results

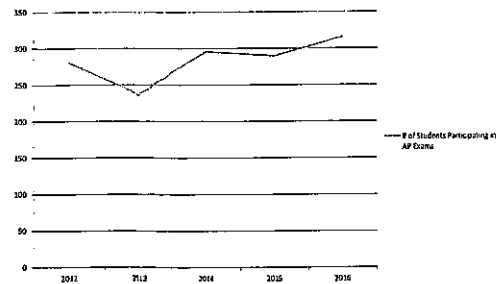
Subject	2012		2013		2014		2015		2016	
	#	% Score 3+	#	% Score 3+	#	% Score 3+	#	% Score 3+	#	% Score 3+
All Subjects	573	92	492	91	608	92	635	80	681	85
Studio Art			2		1				2	
English Lang/Comp	27	100	37	92	70	99	52	96	45	96
English Lit/Comp	68	97	56	100	81	91	55	95	47	98
French Lang	15	100	3		14	100	15	93	9	100
Spanish Lang	25	92	30	83	25	100	38	100	30	97
History: European	84	82	19	77	23	83	23	87	33	91
History: U.S.	82	50	104	88	113	81	108	74	92	85
Government									2	
Human Geography			10	100	14	100	10	80	18	100
Psychology	89	96	92	97	98	97	98	93	122	93
Calculus AB	42	91	40	95	46	100	28	95	38	100
Calculus BC	17	100	9		12	100	14	93	11	100
Computer Science							15	60	9	59
Statistics	75	84					33	57	37	81
Biology	16	75	13	100	10	100	34	100	41	90
Chemistry	23	96	23	74	26	96	18	56	42	81
Environmental Sci	32	88	29	72	23	65	19	58	22	82
Physics B	28	100	28	100	44	100				
Physics I							65	35	66	37
Physics II							22	68	20	85

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## # of Students Participating in Advanced Placement Exams



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## Next Steps

- Next Generation ELA & Mathematics MCAS (MCAS 2.0): Grades 3-8
- Computer-based Testing: ELA & Mathematics, Grades 4 & 8
- Continued focus on improving open response questions at all levels.
- Continued work to align curriculum and assessments at all levels.
- 5th grade teachers share review materials and strategies.
- Middle school teachers analyze data to look at students struggling or on the cusp of advanced or proficient and also to identify content areas to focus on.
- Implementation of the CPO equipment in College Physics to provide more opportunity for the application of concepts.
- Analyze New SAT data in regard to college admissions
- Enhanced SAT Lab and Community & Continuing Education SAT Classes
- AP: Added Computer Science Principles

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## Next Steps



- Next Generation ELA & Mathematics MCAS (MCAS 2.0): Grades 3-8
- Computer-based Testing: ELA & Mathematics, Grades 4 & 8
- Awaiting test design and sample questions from the state
- PARCC and MCAS 2016 questions to help drive instruction
- Provide students practice with rigorous writing opportunities & application problems
- Grade level teams are analyzing subclaim data to identify curriculum focus areas for the year
- Data teams are analyzing individual student performance level and SGP scores to ensure supports are in place
- New grade 5 math teachers have a math specific mentor
- Improving open response answers
- Align curriculum and assessments
- Grade 5: Share review materials and strategies
- Middle School: Analyze data to identify students for support and identify content areas to focus on
- Hands-on lab equipment in College Physics for application of concepts

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## Next Steps



- Analyze New SAT data in regard to college admissions
- Enhanced SAT Lab
- Improved Community & Continuing Education classes
- Increased ACT participation (Classes of 2017 & 2018)
- Continued focus on broad enrollment & opportunity
- Added Computer Science Principles

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## V. FROM THE SCHOOL COMMITTEE

### A. Budget Subcommittee: Consideration of Approval of Line Transfer

Mr. Kokoros informed the committee that the Budget Subcommittee met last week and discussed meeting dates, budget considerations for next year, and higher level strategies for the budget. One action item that came out of the meeting due to the BEA and BSC having negotiated an agreement is the need to do some budget line transfers. Mr. Kokoros explained that they voted unanimously as a subcommittee on these transfers and to bring them to the full School Committee.

Mr. Kokoros requested a transfer between budget Articles 9 and Article 4, which is the result of moving funds that were budgeted for contract negotiations from a salary control line in Article 9 to the actual salary accounts in Article 4. Mr. Kokoros stated that the actual request is to transfer

\$1,074,100.01 from Article 9 (All Other District-wide Services) to Article 4 (Curriculum and Instruction) for funding the collective bargaining that was budgeted in Article 9. Now that there is an agreement, these funds need to be moved from Article 9 to Article 4 to cover the salaries. Mr. Kokoros recapped that Article 4, as voted was \$46,771,091.00 and that will now, through this vote, become \$47,845,192.00

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Ms. Naughton to go forward on the motion to transfer from Article 4 to Article 9 \$1,074,100.01 to cover the salary increases due to the collective bargaining agreement.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Ms. Naughton based on the previous motion, that Article 9 of \$4,588,502.00 after the transfer of \$1,074,100.01 will now become \$3,514,401.00

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Mr. Kokoros, Article 4 Vote, reflecting the difference in money and Article 4, as voted was \$46,771,091.00 and that will now, through this vote, become \$47,845,192.00

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

B. Policy Subcommittee: Consideration of Approval of Substance Use Prevention, Deterrence & Intervention Plan/Policy

Ms. Naughton shared that the Policy Subcommittee met on October 13<sup>th</sup> and the current Facility Rental Policy was discussed. Mr. Cronin is going to bring to the next meeting the current rental fees and breakdown of how that structure works to discuss possible changes.

Ms. Naughton shared that Laurie Melchionda, Nursing Director and Melonie Bennett, Director of Health and Wellness met with them to discuss the new Substance Use Prevention, Deterrence and Intervention Policy. The policy is a requirement and a result of a state law signed on 3/14/2016 as Chapter 52 of the Acts of 2016. The state did not give the school districts much information until the middle the September. Therefore, a policy was put together and was place in all School Committee packets. Ms. Naughton stressed that we do need to act on this policy tonight.

Mr. Kokoros added that the work that went into this was very strong: good educational and intervention pieces and he hopes that the committee would move ahead and support the policy. Ms. Fiske-Heger commended both Ms. Melchionda and Ms. Bennett for all the work they have put into this.

VOTED UNANIMOUSLY: Upon a motion by Mr. Kokoros and seconded by Mr. Ringius, to accept the new Approval of Substance Use Prevention, Deterrence & Intervention Plan/Policy.

ROLL CALL: AYES - 7

Mr. Chafe/Mr. Devin/Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

C. Update on the East Middle School Project, School Building Committee Representatives

Mayor Sullivan updated the committee in terms of the work they have been doing in terms of the East Middle School project. The School Building Committee (SBC) met with the OPM, the engineering firm of Hill Associates, and came up with a preliminary design program for the East Middle School project. Mayor Sullivan commented that the committee continues to have an ongoing conversation on how we are managing the growth of our schools. He stated that the adjustment of the 5th graders to middle school will free up 20+ classrooms at the elementary school level. Mayor Sullivan reported that preliminary budget figures are approximately \$69M. Based upon the formula and making the assumption that Braintree will qualify for reimbursement of 58.47%, MSBA would pay approximately \$39M of that \$69M and the town share would be approximately \$30M. The Mayor reported that they will be filing with the MSBA on Wednesday the 9<sup>th</sup> of November. Some additional work will be done through the winter and we will come up with a schematic design submittal and will move forward tentatively in May, 2017. At that time we will have a more accurate and cost. Next meeting is November 2<sup>nd</sup> for the School Building Committee and the public is welcome to attend.

Dr. Hackett reminds the committee that the money in terms of the construction is not just for the 5<sup>th</sup> graders coming in but to accommodate the need of the current grades 6 to 8 population at East Middle School. Out of the \$69M there are costs that MSBA will not share with the school system. Those are the numbers right now that are best estimates. MSBA will fill in some of the factors as we move forward.

Mayor Sullivan wanted to publically thank the MSBA. MSBA has been a great partnership with us with the South projects and the green projects we have already done. It is a rigorous examination in the amount of work that we do. There are many communities competing for funding, and we have done it in a way that is thoughtful, comprehensive and respectful of the MSBA process. They will still continue to put us through this examination and we will need to be able to document the specifics with our proposal.

VI. OLD BUSINESS: CONSIDERATION OF BEA CHARTER SCHOOL RESOLUTION

Dr. Hackett noted to the committee that they would recall that the BEA and a representative from MTA presented a resolution requesting that the School Committee vote against lifting the cap on Charter Schools. It would be the School Committee's decision to take a position on whether or not to adopt the resolution.

Ms. Fiske-Heger asked if there was any discussion. Mayor Sullivan stated that when he became Mayor, Mayor Tom Menino told him that if he ever having a bad day, once told him to go visit a school as the kids will lift you up. He expressed appreciation publically and thanked our teachers. He stressed that he is 100% in support of our teachers and all those associated with our educational team. He believes a statement like this is important and would be in support of the resolution against lifting the cap. He state that he is not saying charter schools are bad; however, it is a financial issue that will have a financial impact on the Town of Braintree and local towns. Mayor Sullivan stressed his support of the resolution. Mr. Devin also agrees it is a financial issue.

Mr. Devin stressed that licensure for a teacher is not the same in public as in charter. He expressed his support this resolution.

Ms. Fiske-Heger read the resolution.

VOTED UNANIMOUSLY: Upon a motion by Mr. Kokoros and seconded by Mr. Devin adopt the resolution on lifting the cap on all Massachusetts Charter Schools.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/ Ms. Fiske Heger/Mr. Kokoros/  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

#### VII. CITIZEN PARTICIPATION

Mayor Sullivan announced that beginning Monday evening, October 24<sup>th</sup>, starting at midnight until 5 am there will be a construction crew at the MBTA Pearl Street bridge putting up a mural of the MSKC 2015 self portrait of students that will decorate the bridge at Pearl Street. The mural is made up of actual self-portraits that the kids did of themselves under the direction of Principal Anderson and Director of Art, Heidi Hurley.

#### VIII. EXECUTIVE SESSION

Ms. Fiske Heger announced that the Committee would be moving into Executive Session pursuant to Chapter 30A, Section 21(a) (3) to discuss strategy for the negotiation of Collective Bargaining Contracts as an open meeting may have a detrimental effect on the legal position of the School Committee, as declared by the Chair, and would be returning in approximately 15 to 20 minutes.

VOTED UNANIMOUSLY: Upon a motion by Mr. Naughton and seconded by Mr. Devin to adjourn to Executive Session for the purpose of discussing strategy for the negotiation of Collective Bargaining.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/ Ms. Fiske Heger/Mr. Kokoros/  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

Time Entered: 9:10 p.m.

Time Returned to Public Session: 9:24 p.m.

#### IX. CONTRACT RATIFICATION

Dr. Hackett reported that the School Committee reached a successful conclusion and it is for a three year successor contract with 2%, 2.5% and 2.5% for FY17, FY18 and FY19.

VOTED UNANIMOUSLY: Upon a motion by Mayor Sullivan seconded by Mr. Ringius to accept and ratify the recommended contract.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/ Ms. Fiske Heger/Mr. Kokoros/  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

Ms. Fiske-Heger announced that the next meeting of the School Committee will be held on Monday November 14<sup>th</sup>, Town Hall Cahill Auditorium, pending availability.

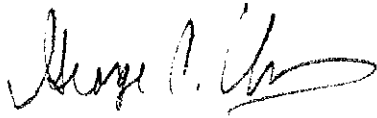
#### X. ADJOURN

VOTED UNANIMOUSLY: Upon a motion by Mr. Devin and seconded by Mr. Kokoros to adjourn.

ROLL CALL: AYES – 7

Mr. Chafe/Mr. Devin/ Ms. Fiske Heger/Mr. Kokoros  
Ms. Naughton/Mr. Ringius/Mayor Sullivan

Time Adjourned: 9:25 p.m.



George Kokoros  
Recording Secretary