



Town of Littleton School Committee

33 Shattuck St. * P.O. Box 1486 * Littleton, MA 01460-4486 * Phone: (978) 540-2500 * Fax: (978) 486-9581 * Website: www.littletonps.org

MATTHEW HUNT, Vice Chair
DARYL BAKER, Member

MIKE FONTANELLA, Chair

ERICA PODGORN, Secretary
JENNIFER WILSON, Member

The Littleton School Committee will meet at the Littleton Police Department Community Room 500 Great Road Thursday, November 21, 2019

Our mission is to foster a community of learners who strive for excellence and prepare each student to be a successful, contributing citizen in a global society.

A G E N D A

7:00 I. ORGANIZATION

1. Call to Order
2. Pledge of Allegiance
3. Consent Agenda
 - Minutes – November 7, 2019
 - Oath to Bills -
and Payroll

7:05 II. INTERESTED CITIZENS

7:10 III. RECOGNITION

1. **Student Representative(s) Report:** *Student Representative(s), Kriti Sharma and/or Madelyn O'Meara will give a report of events for each school.*
2. **Littleton Electric Light & Water Department** has awarded the High School a grant of \$24,700 to purchase advanced physics equipment's for students.
3. **Other**

7:15 IV. OLD BUSINESS

1. **Financial Update:** Brief overview of Facility & Maintenance spending (2019/2020).
2. **Update on School District Accountability**

7:25 V. PRESENTATION

1. **Great Kindness Challenge:** Tracey Turner and Jennifer Feudo will present their participation in the Great Kindness Challenge.

It is the policy of the Littleton Public Schools not to discriminate on the basis of race, gender, religion, national origin, color, homelessness, sexual orientation, gender identity age or disability in its educational programs, services, activities or employment practices. Further information may be obtained by contacting Justine Muir, District Equity Coordinator at 978-540-2500, jmuir@littletonps.org or 33 Shattuck Street, P.O. Box 1486, Littleton, MA 01460.

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2. **Shaker Lane Field:** Littleton Youth Baseball and Softball President Dan Shurfrin
3. **Update on Nov. 5th Cross-District PD Day** by Elizabeth Steele
4. **MassCUE and Technology update 2019** presented by Natalie Croteau and Julie Lord
5. **1:1 Program at Littleton Middle School** presented by Jason Everhart, Natalie Croteau and Julie Lord.
Superintendent Clenchy will request approval from the School Committee

8:40 VI. INTERESTED CITIZENS

8:45 VII. SUBCOMMITTEE REPORTS

1. PMBC
2. Budget Subcommittee
3. Policy Subcommittee: (see LPS website to view all policies)
Motion for 1st reading of the following reviewed policy IMG
Policy IMG: Animals in Schools
<http://www.littletonps.org/school-committee/school-committee-polices>

8:55 VIII. ADJOURNMENT/EXECUTIVE SESSION

**NEXT MEETING DATE
December 5, 2019
Littleton Police Department Community Room
500 Great Road**

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SCHOOL COMMITTEE MINUTES November 7, 2019 7:00 PM

PRESENT: Mike Fontanella
Matthew Hunt
Daryl Baker
Jennifer Wilson

ALSO PRESENT: Steve Mark
Bettina Corrow
Kriti Sharma (7:40PM)

NOT PRESENT: Erica Podgorni and Kelly Clenchy

CALL TO ORDER

Mike Fontanella called the meeting to order at 7:01p.m.

On a motion by Daryl Baker, and seconded by Jennifer Wilson, it was voted to approve the Oct. 17, 2019 consent agenda as presented. (AYE: Unanimous). Motion carried.

INTERESTED CITIZENS

None

RECOGNITION

1. Kriti Sharma gave a brief overview of the activities taking place at the schools.
2. Steve Mark thanked The Mighty Oak Fund Donation and asked for School Committee's approval to accept the donation in the amount of \$6,500.00.

On a motion by Daryl Baker, and seconded by Jennifer Wilson, it was voted to accept the donation from The Mighty Oak Fund donation in the amount of \$6,500.00 as presented. (AYE: Unanimous). Motion carried.

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- 35
36 3. Steve Mark acknowledged Beth Steele and Bettina Corrow for all their hard work and preparations for the
37 Nov. 5 Cross-District PD day with Ayer/Shirley and Harvard. He also thanked the cafeteria staff for the
38 delicious luncheon they put on for all the faculty that attended the PD Day.
39

40 **PRESENTATION**

- 41 1. PTA Update by Timalyn Rassias, PTA President. Currently they have 225 members and 30 staff members.
42 She provided an update of all the PTA's involvement within the entire district. A couple of events to be on
43 the lookout for is Shaker Lane's Winterfest in January 2020 and more Kid's Night out for Gr. 6 students at
44 the Littleton Middle School. At Russell Street School and Littleton Middle School the PTA is continuing
45 with a new approach. Instead of several fundraising efforts they have started RSS & LMS Annual Appeal.
46 RSS goal is \$10,000 and LMS has a goal of \$4,500. Both schools are close to their goal.
47 The School Committee members thanked the PTA for their involvement and all the effort they are putting
48 into the schools.
49
- 50 2. School Improvement Plan (SIP) updates from Littleton Middle and High School 2018-2019:
51 • Curriculum, Instruction and Assessment
52 • Professional Development
53 • Community / Communication
54 • Climate and culture
55 • Technology
56

57 Mr. Everhart, Principal of Littleton Middle School gave an overview and highlighted the topics within the SIP
58 for his school. He spoke briefly of the many initiatives at the Middle School.

- 59 • **Curriculum, Instruction and Assessment:**
60 • Modified the daily schedule to a full rotation.
61 • Implementation of civics curriculum in 8th grade history classes
62 • Continue programs for struggling learners: Math Lab, Literacy Lab, ASC
63 • Programs for advanced learners: VHS, NJHS
64 • Interdisciplinary units: 6th The Breadwinner, 8th Science Fair Project, Enterprising People
65 • **Professional Development**
66 • Established a Student Support Team to address student concerns and review professional
67 practices to increase opportunities for student success.
68 • Leadership Team currently developing a peer learning model in which educators will
69 visit classrooms to improve instructional practice and engage in professional discourse
70 for those seeking specific, peer-to-peer feedback on their lessons.
71 • MCAS data review with curriculum departments to discuss scores and target areas of support.
72 • In-school professional development focused on increasing student engagement and proficiency.
73 • **Community & Communication**
74 • School Council developing communication structure for new families entering the district.
75 • Development of a Weekend Update website to provide families with real-time updates of
76 news and information for LMS activities and opportunities for connection.
77 • School Council considering opportunities to increase two-way communication between
78 school and home.
79 • **Climate & Culture**
80 • "Stronger Together" the theme for the work we do to promote collaboration and empathy.
81 • Development and implementation of a revised Advisory program
82 • Annual review of emergency protocols - police and fire – ALICE and fire drills
83 • Best Buddies Program and CASE Collaborative
84 • Continuation of school events to enhance building culture:
85 ○ All school Veteran's Day Program/Assembly
86 ○ Turkey Trot, Giving Tree
87 ○ Geography Bee and Spelling Bee
88 ○ Family Volleyball Night, Family Corn Hole Tournament
89 ○ Transition night for parents of 5th graders
90

91

92 • **Technology**

- 93 • Beginning discussions of how to infuse technology into daily lessons
- 94 • Reorganized the Chromebook carts for easier distribution
- 95 • Library Chrome Lab available to classes and students all day
- 96 • Continued support of the Makerspace C-Lab
- 97

98 Dr. Harrington, Principal of Littleton High School gave an overview and highlighted the topics within the SIP

99 for his school. He spoke briefly of the many initiatives at the High School.

100 • **Curriculum, Instruction and Assessment:**

101 **Curriculum**

- 102 • We developed an AP Computer Science Principles course for school year. A well-defined Computer
- 103 Science Program Sequence is a goal for the near future
- 104 • Social emotional learning initiatives are well underway. Presentations and follow-up activities about cyber-
- 105 safety & responsible digital citizenship originally scheduled for October 2019 are postponed to a date soon
- 106 • Documenting how executive skills are taught at LHS at each Grade Level will begin with Grade 9 teacher
- 107 meeting in November
- 108 • Planning for Program Reviews in specific academic areas will be discussed and coordinated with the
- 109 Director of Curriculum and Curriculum Coordinators

110 **Instruction**

- 111 • We will continue to emphasize project-based learning activities in each department and document/present
- 112 exemplars this school year
- 113 • Last school year, abundant professional development focused on instructional best practices based on
- 114 Marzano's *The New Art & Science of Teaching*. All teachers developed goals focused on implementing at
- 115 least one of Marzano's research proven instructional practices. This year, we are examining a book entitled,
- 116 *Instructional Practices That Maximize Student Achievement*
- 117 • Last year, Mrs. Steele and Mr. Comeau revamped Student Support Team Processes. This year, Mr. Comeau
- 118 and Ms. Harrington will continue to document clear and shared intervention strategies students struggling
- 119 with behavioral, academic, and emotional concerns

120 **Assessment**

- 121 • A collaborative study group about assessment and grading practices at LHS will get underway this school
- 122 year. Time for this will be provided during Early Release days
- 123 • As noted last May, the creation, coordination, and implementation of student Digital Portfolios may follow
- 124 LHS development of a *Vision of the Graduate*. This *Vision* will be aligned to the recently redesigned
- 125 accreditation process and new NEAS&C 2020 Standards. We are revising this goal area to focus on our
- 126 development of a *Vision of the Graduate*.
- 127 • We prepared for and implemented MCAS 2.0 last year
- 128 • Begun discussions about coordinating a school assessment calendar
- 129

130 • **Professional Development:**

- 131 • We continue to provide PD opportunities, including cross-district, related to technology integration &
- 132 implementation specific to the products/tools currently being used as well as new initiatives. LHS is hosting
- 133 Cross-District PD with Ayer-Shirley and Harvard Districts this November
- 134 • We will continue to link Educator Evaluation Goals to re-certification and PD plans
- 135 • We continue to provide professional development focused on improving Social Emotional Learning,
- 136 Instructional Strategies, Executive Skills, Instructional Technology areas, and Assessment practices
- 137

138 • **Community / Communication:**

- 139 • We continue to enhance and advance our Dual Enrollment Partnership with MCC. We are exploring other
- 140 options for student Dual Enrollment via online course offerings such as *Edgenuity*
- 141 • We continue to increase Internship & Work-Study opportunities for students
- 142 • We will meet with Nashoba Technical High School administrators to see if some senior's students may start
- 143 in the Tech's post-graduate programs earlier
- 144 • We intend to host College and Financial Literacy Fairs this year and a Health Fair the following year
- 145 • We will continue to Host Special Guest Speakers about important contemporary topics
- 146

• We will explore the development of a course that directly focuses on developing global competence and understanding. Mrs. Harvey, the new History/Social Science Curriculum Coordinator will facilitate.

• **Climate and culture:**

- We have a special focus on developing and implementing a Climate & Culture Action Plan this school year that is responsive to the findings from the YRBS, VOCAL, Stress/Climate, and Staff surveys
- A major focus and explicit goal for this year is the development of student citizenship knowledge/skills and civic engagement
- We received recognition as a Unified Champion School for Inclusion- Track and Basketball
- We continue to review and improve emergency preparedness and protocols in partnership with LPD and LFD. Guidelines from the National Association of Secondary School Principals (NASSP), National Association of School Psychologists (NASP), and the Northeastern Massachusetts Law Enforcement Council (NEMLEC) have been very helpful

• **Technology:**

- We plan to revise and update the School Technology Plan
- We have fully implemented the 1:1 Technology Program with a phased-in approach and abundant professional development focused on instructional technology and support for Google Classroom
- We purchased collaborative and innovative technology tools to support student learning in the Library Media Center. Paul Orzech, the new Library Media Specialist has reviewed the generous Kimball Grant plans and purchases and is overseeing the next phase and implementation.

- 3 Financial Update. Steve Mark presented a brief overview of the district's FY20 budget report finances. An overview was included in the packet. The School Committee members asked for a clarification on the Facility & Maintenance spending. Steve Mark will provide clarification at the next school committee meeting.
- 4 An FY2021 Capital Request Preliminary List was presented and briefly discussed. It was agreed to submit the preliminary list to the FinCom committee for further discussion. The list is included in the packet.

INTERESTED CITIZENS

None

SUBCOMMITTEE REPORTS

1. PMBC: None
2. Budget Subcommittee: Next Budget Sub-Committee meeting is scheduled for Thursday, Nov. 14
3. Safety and Security: None
4. Policy Subcommittee: None

ADJOURNMENT

On a motion by Daryl Baker and seconded by Matthew Hunt it was voted to adjourn at 7:59PM. Roll Call Vote: Jennifer Wilson, AYE; Daryl Baker, AYE, Matthew Hunt, AYE; and Mike Fontanella, AYE.

NEXT MEETING DATE
Thursday, November 21, 2019
7:00PM
Littleton High School

DOCUMENTS AS PART OF MEETING

The Mighty Oak Fund Donation
School Improvement Plan (SIP)
Financial Statement



LITTLETON Massachusetts

11/01/2019 09:36
4083smark

Town of Littleton
YEAR-TO-DATE BUDGET REPORT FY 2019

1P 1
19lytdbud

FOR 2020 13

JOURNAL DETAIL 2020 1 TO 2020 13

	ORIGINAL APPROP	TRANSFERS/ ADJUSTMENTS	REVISED BUDGET	YTD EXPENDED	ENC/REQ	AVAILABLE BUDGET	PCT USED
310 Regular Education	8,301,232	0	8,301,232	1,419,915.17	37,557.92	6,843,758.91	17.6%
311 Special Education	6,468,394	0	6,468,394	755,551.79	858.90	5,711,983.31	11.7%
312 Student & Support Staff	1,023,276	0	1,023,276	284,926.11	20,924.93	717,424.96	29.9%
313 Other Instruction	271,424	0	271,424	44,284.43	1,489.50	225,650.07	16.9%
314 System Administration	1,324,707	0	1,324,707	369,418.46	3,056.75	952,231.79	28.1%
315 School Administration	1,119,264	0	1,119,264	320,256.54	.00	799,007.46	28.6%
316 Transportation and Busing	1,178,832	0	1,178,832	325,627.40	.00	853,204.60	27.6%
317 Facility & Maintenance	1,415,063	0	1,415,063	503,812.29	302,061.69	609,189.02	56.9%
GRAND TOTAL	21,102,192	0	21,102,192	4,023,792.19	365,949.69	16,712,450.12	20.8%

** END OF REPORT - Generated by Steven Mark **



The Great Kindness Challenge



What is it?



- An international proactive bullying prevention initiative
- Improves school climate and culture
- One week focused on performing acts of kindness across the district
- In 2019, participation included:
 - Over 13 million students
 - Over 24 thousand schools
 - Over 650 million acts of kindness
 - Over 110 countries

This year, The Great Kindness Challenge will be held from January 27th to the 31st.





How does it work?



Students / Staff

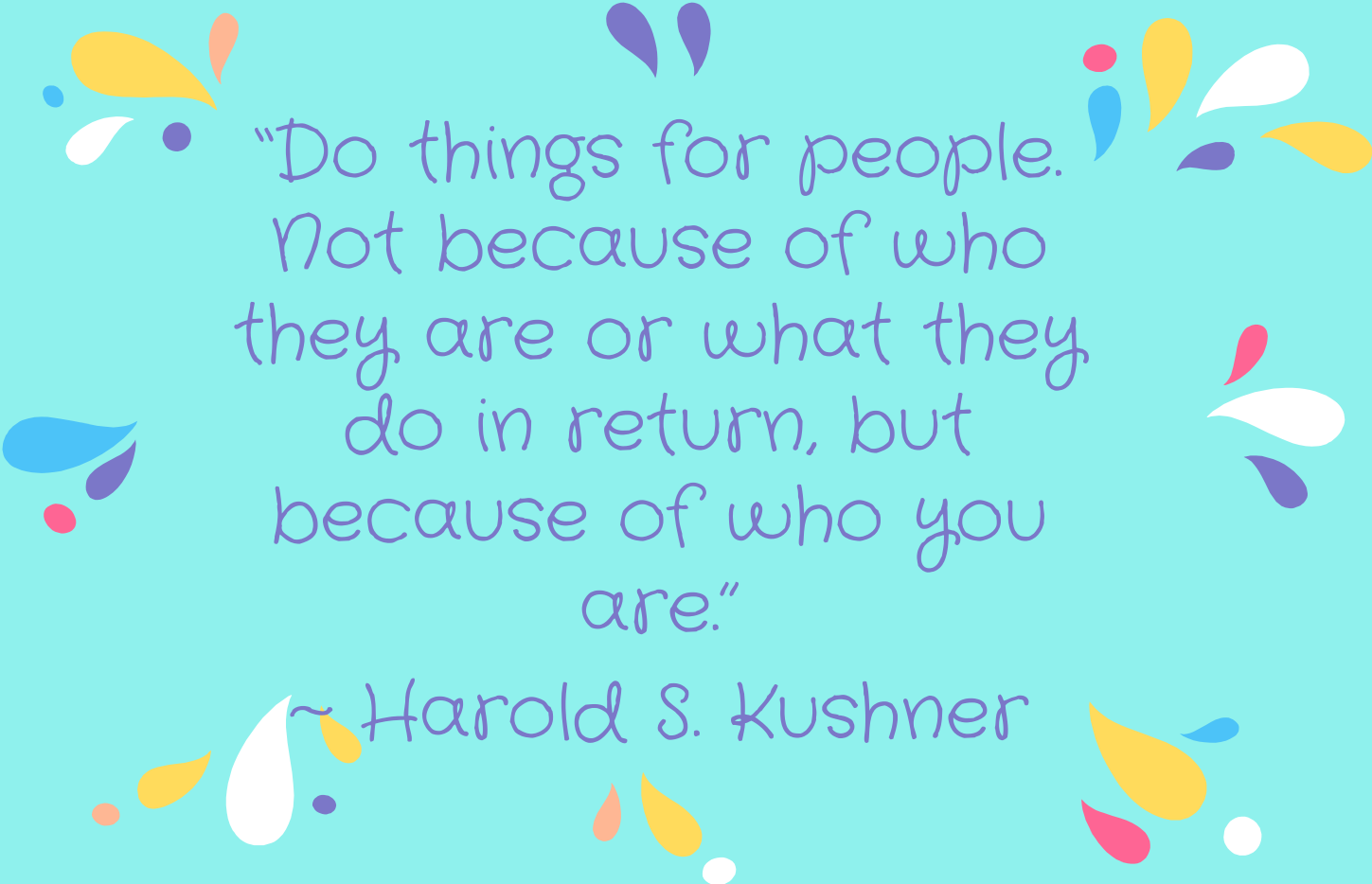
- Advisory activities
- Checklists for RAK
- Spirit Days
- Door decorating contests
- Daily kindness quotes

School / Families

- School toolkits
 - "Kindness Certified School Districts"
- Family toolkits
 - Parents can complete RAK with children

Community

- Involvement is important
- Kindness tunnels
- Media coverage
- PTA
- Town agencies



"Do things for people.
Not because of who
they are or what they
do in return, but
because of who you
are."

~ Harold S. Kushner

LITTLETON YOUTH BASEBALL AND SOFTBALL (LYBS) SHAKER LANE ENHANCEMENTS PROPOSAL

Littleton School Committee Presentation

November 21, 2019

AGENDA

- Background and Context
- Shaker Lane Enhancements
- LYBS Fundraising Requests

BACKGROUND

- Over the past 3 years, total yearly registrations in LYBS has grown by ~40%
 - Total yearly registrations now over 350 players
- During this period, we have been able to provide additional benefits to our players and parents
 - Free indoor winter whiffle-ball for boys and girls K-2nd grade
 - Free indoor pre-season hitting practice at local batting cages
 - Free cross-training classes for our oldest players (and parents) at Title Boxing
 - Free pre-season practices for all teams inside Littleton gyms (Thank you!)
 - New safety gear (softball masks, catching equipment, softee balls)
 - New bats for all baseball teams to comply with new national bat standards
 - New field maintenance equipment (rakes, drags, lining machines)
 - Free Season Opening Event with pizza party for all LYBS families
- To date, all of these additional perks and purchases have been made possible through internal fundraising efforts

CONTEXT

- Beyond these benefits for the players in the league, we have now started to set our sights even higher and have developed a capital priorities list to enhance our program in the medium to longer term
- These plans require significantly more funding and requires input/approval from the School Board
- **Of note, our intent is to continue to completely self-fund all projects through LYBS fundraising efforts (i.e. we are not asking for the School Committee or Town of Littleton to provide any funding)**
- Today, we would like to:
 - *Review our Shaker Lane proposed enhancements*
 - *Receive endorsement for some proposals to enable additional fundraising*
 - *Address any questions or concerns you may so we can return for approval at a subsequent meeting*

SHAKER LANE ENHANCEMENTS

- 1. Add field lighting to Shaker Lane Field**
- 2. Add new scoreboard to Shaker Lane Field**

SHAKER LANE FIELD LIGHTS

Drivers:

- Shaker Lane Field is our signature youth baseball field
- Increased registrations, coupled with increased demand from other groups (i.e. Littleton Adult Softball), field usage is becoming one of our key challenges
- Building additional fields is a costly, timely (and politically charged) venture
- However, increasing the ability to use our existing fields more would be both a cost-effective solution as well as potentially allow for some revenue generation for the town
 - Anticipated spring usage will increase nightly by ~ 45 minutes – 1 hour (allow for games to reach natural conclusion rather than called early due to darkness)
- Importantly, given location of field and LED technology lighting will have no impact on surrounding community

SHAKER LANE SCOREBOARD

Drivers:

- Shaker Lane Field actually has had a scoreboard (inoperable) for many years, however existing scoreboard is not repairable
- Scoreboards enhance the overall experience
- With additional advertising panels, scoreboards can be cost neutral or even revenue-generating



SHAKER LANE FIELD LIGHTING AND SCOREBOARD LAYOUT



A1, A2, B1, B2 = Pole
Location

C1 =
Scoreboard Location

LYBS FUNDRAISING

- Our fundraising efforts have shifted over the past several years
 - Historically, all of our fundraising came from a combination of “Can Day”, a small number of local business sponsors and a relatively unsuccessful calendar raffle
 - Several years ago, we sought approval from the School Board (via Park and Rec) to allow for sponsor signage at our ball fields during the spring season (~mid April to end of June)
 - 6' x 3' banners placed on outside fences of all baseball/softball fields prior to games and removed after games
 - However, we are bumping up against a fundraising cap due to logistical constraints
 - Time consuming (~20 minutes) given the number of sponsors/banners
 - Takes away from coaches' time to get teams warmed up and ready to play
 - We instituted a yearly “Hit-A-Thon” fundraiser to generate additional funds to support our capital projects
 - We have also worked with our State Representatives to get a one-time \$50K earmark in this year's State Budget to help defray some costs for field improvements
- **Ask: Similar to surrounding town with their sponsorship banners, can we put the banners up at the beginning of the season and remove at the end of the season (~10 weeks)?**
- **Ask #2: Can we utilize the outfield fence at Shaker Lane Field for larger banners?**

NEXT STEPS

- We at LYBS are very excited about these projects and have a lot of positive momentum behind our fundraising and support from our families
- We'd like to move forward with the Shaker Lane projects next spring and wanted to get your input on our plans but also address any questions you have as well as ensure that we are meeting any and all requirements for the Board and Town in order to proceed
- Ideally, we'd like to form a closer partnership between LYBS and the School Board directly to ensure that our interests are aligned and we are able to proceed with activities expeditiously
- **Ask #3: Do you support the addition of both field lighting and a scoreboard for Shaker Lane Field?**
- **Ask #4: If so, what questions do we need to address before we can proceed?**

BACK-UP

SHAKER LANE FIELD PROJECTED LIGHT LEVELS



With specially designed field lighting, light focus on playing field only with no additional light pollution for surrounding area

Cross-District Professional Development

November 5, 2019

Natalie Croteau, Technology Systems Coordinator
Julie Lord, Instructional Technology Coordinator
Beth Steele, Interim Director of Curriculum

ENGAGING STUDENTS IN DEEPER LEARNING

Cross-District Professional Development, November 5, 2019, 8:00 AM - 2:45 PM

Hosted at Littleton High School, 56 King St, Littleton, MA 01460

BRING YOUR OWN WATER BOTTLE

Flyer designed by Bromfield
Student, Jacqueline Walker



3 districts –
Ayer Shirley
Harvard
Littleton

276 teachers

27 sessions



Session
1
8:30-10:00



Teacher Talks



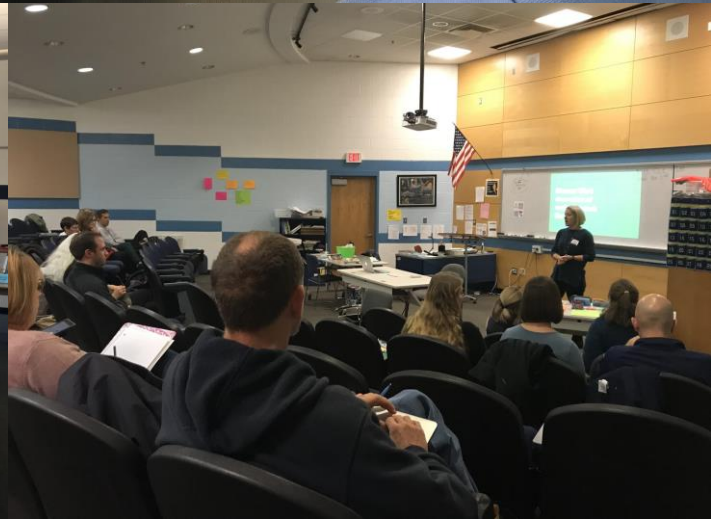
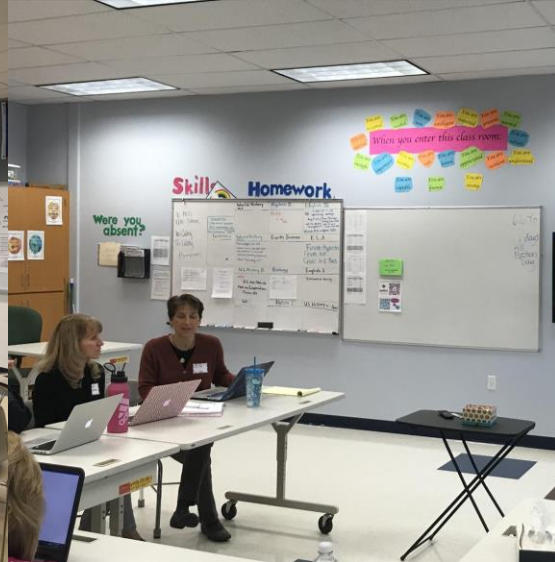
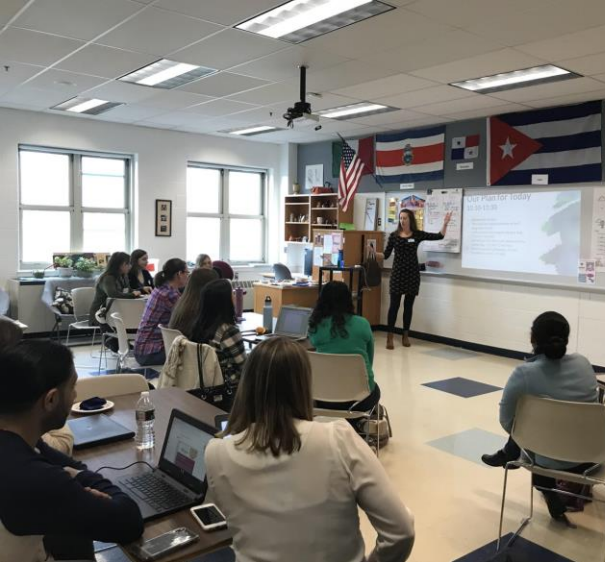
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Session
2
10:10-11:30



Break-Out Session 1

- Multi-Tiered System of Support (MTSS) Workshop
- Breaking Down the Barriers -UDL
- Mindfulness in the Classroom
- SEL
- Co-Teaching
- Motivating & Meeting Math Needs with Daily 3
- Number Talks
- Everyone Can Create (iPads)
- Google Classroom for Beginners
- Harnessing the Power of Google to Generate Questions
- A New Way to Tell a Story
- To Flip or Not to Flip: Using Videos to Drive Instruction
- Providing Reading and Writing Feedback through Google Classroom
- I prefer not to...



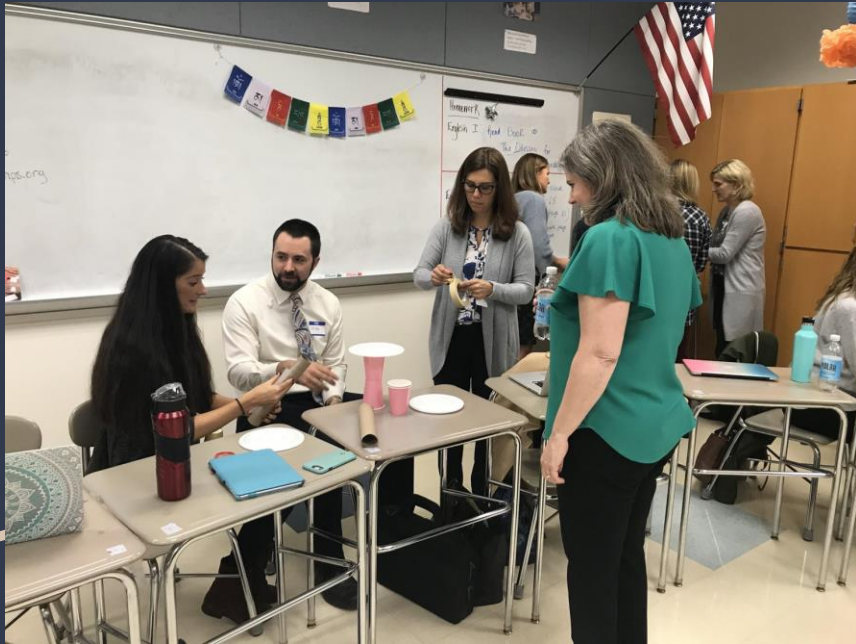
Session
3
11:30-1:00



Department/Grade Level Time and Lunch

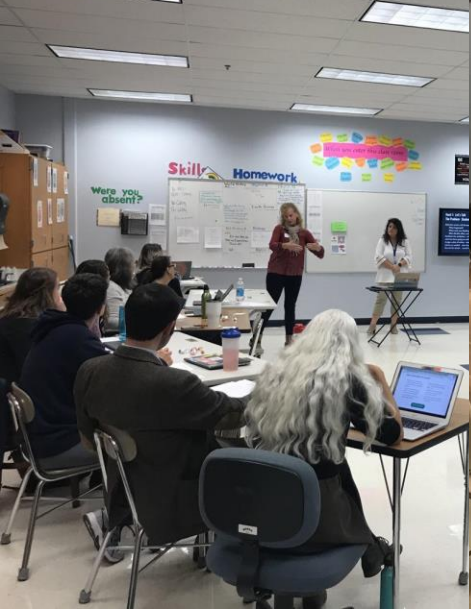
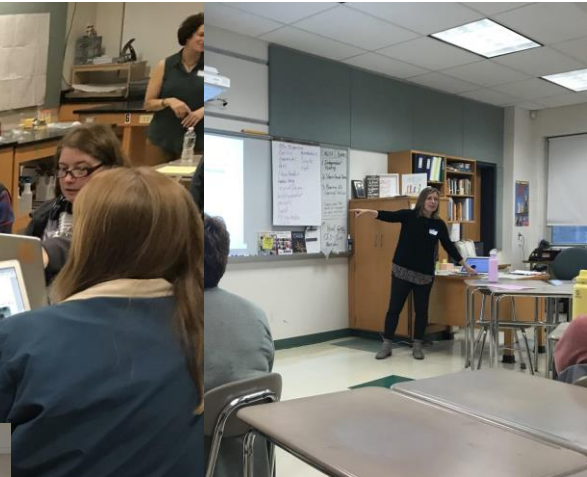
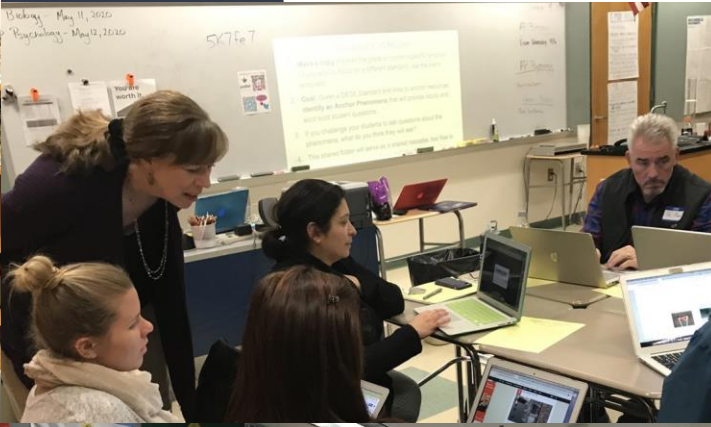


Session
4
1:10-2:30



Break-Out Session 2

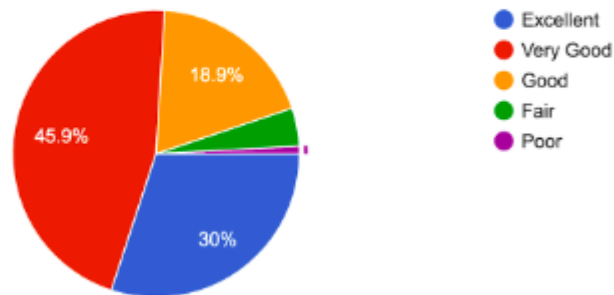
- Elementary 3D Printing Project: Bubble Wands
- Increasing Critical Thinking in the Pre-K-12 Science Classroom
- Navigating an IEP— Starting with the PLEPs
- An Introduction to Restorative Justice
- Whole Brain Teaching
- Enhancing Student Engagement with Pinterest
- Creating VR Tours
- Novel Engineering
- Data Driven Instruction
- Passion for Poetry: Using Poetry to Engage Student Writers
- Engaging Students with Thinglinks
- Google Classroom Beyond the Basics
- Revamping Summer Reading
- Mindfulness in the Classroom



Session
5
2:30-2:45

12. Overall how would you rate this PD day?

233 responses



Reflection

"Different options to choose from that peaked our interests."

"I loved the teacher talks - they were inspiring!"

"Great presentations! It was great to sit and talk to other teachers from other systems."

"That I was able to choose the PD I went too. Also that most sessions were taught by people still in the field, and implementing these everyday."

"Collaborating with colleagues."

"Very informative and fun."

#LASHlearns



Thank you!

- Student Volunteers
- Cafeteria Staff
- Maintenance Staff
- Planning Committee
- Teacher Presenters
 - Mrs. Heidi

MacGregor

MassCue 2019 and Tech Update

Natalie Croteau - Technology Systems Coordinator
Julie Lord - Instructional Technology Coordinator

A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

MassCue 2019 – October 23–24, 2019

Masscue- Massachusetts Computer Using Educators (MassCUE) is the state's leading organization for educators with a passion for technology in education.

Attendees : Wednesday = 8 Thursday = 13
Presenters from Littleton:

- **Makey Music**-Heidi MacGregor and TJ Gansenberg
- **This Book Club is Lit**-Shayna Garlisi and Katharine Dale
- **Elementary 3D Printing Project: Bubble Wands**-Amy Metcalfe and Nicole Patterson -
- **Everything you always wanted to know but were afraid to ask about State Reporting and SIF** - Natalie Croteau, Department of Education and State reporting Specialists from Clinton, Ashland and Stoughton

Social Media Ambassador from LPS - Dr Tracy Turner

Katharine Dale @Kdale201 · Oct 24

It was a true joy to share #lpsbc with other educators today!
@MsGarlisi204 #masscue



Tracy Turner, EdD @DrTTurner · Oct 24

Littleton educators are bringing it to #MassCUE! So proud to be part of such an amazing district with so many fabulous educators! #TigerPride

Dr. Kelly Clenchy @kbstcl · Oct 24

Thanks for sharing your expertise at #MassCUE. #TigerPride



Heidi MacGregor @mrsmacgregor206 · Oct 24

Blue 24 is packed with SIF enthusiasts. Great job on the matching shirts
@Natalie_Croteau ! #MassCUE #TigerPride




📌 Pinned Tweet




Heidi MacGregor @mrsmacgregor206 · Sep 18

What do you get when you cross a STEM teacher and a Music teacher?
Makey Music! Join us at the #MassCUE fall conference to find out more.
#TigerPride

@Mr_Gansenberg @RSS_Littleton



TJ Gansenberg
Music Teacher



Heidi MacGregor
STEM Specialist

MaKey Music

Thursday at 1:30

PRESENTER
#MassCUE



Technology Updates

The LPS Technology Department strives to provide a consistent and reliable environment to support learning.

Natalie Croteau - Technology Systems Coordinator

Julie Lord - Instructional Technology Coordinator

Chris Camero - Network Administrator

Charlie Sullivan - Technology Specialist (RSS/LMS)

TBD - Technology Specialist (SLS/LHS)

Updates

- LHS 1:1 Program fully implemented
- Launch of new district website
- Implementation of the online Aspen family portal contact verification/permissions workflow
- Installation of centralized card access system
- Phone system upgrade for SLS and LHS - Voice Over IP system
- MCAS Computer Based Testing for all schools
- Support of makerspaces at SLS, RSS and LMS
- Support of "Littleton's Portal to the World" program (Spring 2020)



Littleton Public Schools
Town of Littleton, MA

LMS 1:1 Chromebook Program

Jason Everhart, Principal

Natalie Croteau, Technology Systems Coordinator

Julie Lord, Instructional Technology Coordinator

LMS Chromebook 1:1 Program Proposal

- Implement in FY20
- All students in grades 6th-8th
- School issued and managed Chromebook
- Technology fee of \$25 per student per year starting FY21
- Chromebooks will be allocated to students for the school year
- Devices will be collected at the end of school year and reissued at the beginning of the next school year
- Students will be responsible for transport to/from school and charging at home during school year

Current LMS Chromebook Budget vs Proposal

Current LMS Budget Replacement Plan for Chromebooks (cart model)

- Shared cart model (2 carts per grade level plus World Language cart & Unified Arts cart)
- Replace 75 Chromebooks per year (\$250/device, 4 year cycle)
- Replacement Cost **\$18, 750 per year**

Proposed LMS Budget Replacement Plan for Chromebook 1:1 Program

- 1 device per student, approx 400 students
- Technology Fee \$25 per student per year
- Replace 100 Chromebooks per year (\$250/device, 4 year cycle)
- Replacement Cost \$25,000 - Technology Fee \$10,000 = **\$15,000 per year**

Rollout

Available Active Chromebook Inventory = 210 devices

Available to Purchase with FY20 Budget:

15 devices (60 out of 75 purchased to date)

30 devices (replacement of Library Chromeboxes)

Total = 255 devices

Need to purchase an additional 145 devices

Rollout Cost to Implement 1:1 for 400 students

YEAR	CHROMEBOOK QUANTITY TO PURCHASE	COST (\$250 per device)	COST after Tech Fee \$25/yr (approx \$10,000)
FY20	145	\$36,250	\$36,250 (NO FEE COLLECTED)
FY21	0	\$0	-\$10,000
FY22	100	\$25,000	\$15,000
FY23	100	\$25,000	\$15,000

Benefit to LMS Students

Instructional Practice:

- 1:1 will support great lessons, not be wedged in for the sake of use.
- 1:1 will create opportunities for real-time learning.
- 1:1 will allow teachers to plan thoughtful units without competition.

Student Learning:

- 1:1 will level the playing field for all students.
- 1:1 will increase assessment proficiency through ease of use.
- 1:1 will allow students to demonstrate knowledge in a variety of formats.



FY2021 Initial Budget Analysis

Projected Increases to maintain level services and staffing

Salary increases to retain current staffing level	\$477,853
SPED OOD	\$0
CASE Transportation	\$36,428
Operational Utilities	\$15,000
School Supplies and Materials	\$10,000
Cafeteria Expenses	<u>\$10,000</u>
Total Increases for level services and staffing	\$549,281

Additional services and staffing

Tuition Free Full-Day Kindergarten Phase In FY20	\$75,000
Tuition Free Full-Day Kindergarten Phase In FY21	\$75,000
Increase 3 Teachers from .8 to 1.0	\$54,729
Part-Time Central Office Staff (HR and AP)	<u>\$49,400</u>
Total Increases for additional services and staffing	\$254,129

Total Proposed Increase for FY2021 \$803,410



FY2021 Initial Budget Analysis

Projected OOD Tuition Costs based on current student population at start of FY20	\$3,350,921
Increases incurred for FY20*	\$105,407
Projected Decreases for FY21	<u>\$(146,651)</u>
Total Projected FY21 SPED OOD Expenses	\$3,309,677
Current Appropriated Budget for SPED OOD	\$2,513,584
Projected Circuit Breaker Reimbursement	<u>\$796,093</u>
Total Projected FY21 Revenue for SPED OOD	\$3,309,677

* Covered with School Choice Funds



FY2021 Initial Budget Analysis

Tuition Free Full-Day Kindergarten Phase-In

FY2021 Funding	\$75,000
FY2017 Actual Tuition	\$4,057
FY2018 (Phase-In Year 1) Actual Tuition	\$3,300
FY2019 (Phase-In Year 2) Actual Tuition	\$2,500
FY2020 (Phase-In Year 3) Projected Tuition	\$1,750
FY2021 (Phase-In Year 4) Projected Tuition	\$875
FY2022 (Phase-In Year 5) Projected Tuition	\$0



FY2021 Initial Budget Analysis

School Choice Funds

FY2020 Starting Balance	\$1,548,300
Annual Staffing	(\$250,000)
SPED OOD Tuition	(\$105,407)
Anticipated FY2020 Receipts	<u>\$450,000</u>
Estimated FY2021 Starting Balance	\$1,642,893