



January 17, 2019 5:15 p.m. – 7:15 p.m.
344 Broadway 2nd floor

Summary of Conversation Topics

- Find It Cambridge
- Cambridge Youth Council
- Cambridge Public Schools Proposal: Cambridge Public Schools Improving Elementary & Upper School Schedules to Advance Equity
- Math Matters
- Math and the Cambridge Public Schools

Present:

Tina Alu, Ron Benham, Ben Clark, Sydney Down, Uma Edulbehram, Liz Hill, David Kale, Laurance Kimbrough, Alanna Mallon, Neal Michaels, Geeta Pradhan, Kalijah Robinson, Bridget Rodriguez, Kenny Salim, Ellen Semonoff, Sumbul Siddiqui, Nancy Tauber, Tagesech Wabeto, Hector Acevedo, Lacey Campbell, Alfred Taylor, Jonathan Akbari, Rob Lowe, Susan Richards, Julie Roach, John Lindamood, Julie Ward, Anda Adams Heidi Fesseden, Joey Atallah, Andrine Pierresaint, Liz Liss, Jessica Daniels, Emily Dexter
Co-Chairs: Mayor Marc McGovern (absent) and **Neal Michaels**

Executive Director: Nancy Tauber

Notetaker: Sydney Down

5:15pm Socialize, Network and Eat

5:30 Meeting Starts

- Welcome & Introductions
- Family Policy Council Business
 - Adoption of Minutes (November 15, 2018 meeting)
 - Public Comment
 - Announcements
 - Find It Cambridge Update (Hector)
 - 360 Organizations and close to 700 programs on Find It
 - Usability Studies
 - On Thursday February 14th is the CET-Family Policy Council Family Engagement Gathering from 9 to noon.
 - Second Cambridge Digs Deep 26 Sat. 12-2 at CRLS, first session over 150 people. Second session to dig deeper into microaggressions in schools.

- School committee budget hearings Tuesday 3:30 -5:30, following Tues. 6-7:00 and other meetings in the upcoming month.
- Free tax prep Jan 28, flyers will be available.
- MLK food drive on MLK Day throughout Huron Village, 1,200 bags dropped off over the weekend, community service hours available for students.
- Blood drive Thurs. the 24th posted by Mayor's office at Mass. Ave. YMCA 12-5.

➤ Presentations and Discussion

○ Cambridge Public Schools Improving Elementary & Upper School Schedules to Advance Equity

- Here is the Proposal:
https://www.cpsd.us/UserFiles/Servers/Server_3042785/File/news/2018-19/SchoolSchedulesEquity_Jan_2019_FINALforWeb.pdf
- Q & A and Comments:
 - How involved teaching staff has been in this process thus far? Committee has spent several months on this plan recognizing that not ALL educators represented. Teacher forum has just happened and gathering feedback has been continuously happening.
 - Are you comfortable with the amount of feedback from people - not those who traditionally have the loudest voices? Better than usual and want to yield as many voices as possible with intention, important part of the process. Trying to make it more accessible to all types of families. Working closely with Community Engagement Team - phone calls and focus groups with families. Want to include student voice.
 - Comment - Make sure there is communication about these possible changes is happening with families of children who are transitioning into the public schools,

➤ Recap Math Matters: Ellen Semonoff reviewed why we are focusing on Math.

➤ Math and the Cambridge Public Schools: Julie Ward and Heidi Fessenden from the CPS Math Department gave an overview of CPS math expectations and then engaged the group in a number talk instructional routine.

CPS Math

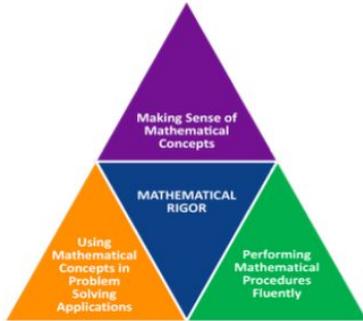
Tonight's Goals

- Educate community about CPS math expectations
- Engage in mathematics
- Provide a framework of growth mindset
- Make connections between the CPS Math

CPS District Math Team

- Julie Ward, Mathematics Coordinator
- Heidi Fessenden, Elementary Mathematics Coach
- Katisha John, Upper School Mathematics Coach

Balanced Approach to Mathematics Instruction

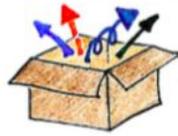
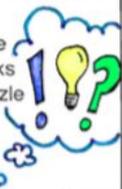
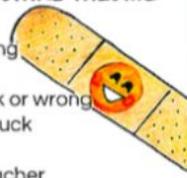


Progression of Pre-K–8 Domains										
Domain	Grade Level									
	PK	K	1	2	3	4	5	6	7	8
Counting and Cardinality	█	█								
Operations and Algebraic Thinking	█	█	█	█	█	█	█			
Number and Operations in Base Ten		█	█	█	█	█	█			
Number and Operations – Fractions					█	█	█			
The Number System								█	█	█
Ratios and Proportional Relationships								█	█	
Expressions and Equations								█	█	█
Functions										█
Measurement and Data	█	█	█	█	█	█	█			
Geometry	█	█	█	█	█	█	█	█	█	█
Statistics and Probability								█	█	█

CPS Mathematics: How might we create an environment that supports positive math identities and high achievement for all students?

Growth Mindset Overview

- What is it?
- Why is it important?
- What can we do?
- Rigor

  	
<p>Teachers and students believe <i>everyone can learn maths at HIGH LEVELS.</i></p> <ul style="list-style-type: none"> • Students are not tracked or grouped by achievement • All students are offered high level work • "I know you can do this" "I believe in you" • Praise effort and ideas, not the person • Students vocalize self-belief and confidence 	<p>Communication and <i>connections</i> are valued.</p> <ul style="list-style-type: none"> • Students work in groups sharing ideas and visuals. • Students relate ideas to previous lessons or topics • Students connect their ideas to their peers' ideas, visuals, and representations. • Teachers create opportunities for students to see connections. • Students relate ideas to events in their lives and the world. 
<p>The maths is VISUAL.</p> <ul style="list-style-type: none"> • Teachers ask students to draw their ideas • Tasks are posed with a visual component • Students draw for each other when they explain • Students gesture to illustrate their thinking  	<p>The maths is OPEN.</p> <ul style="list-style-type: none"> • Students are invited to see maths differently • Students are encouraged to use and share different ideas, methods, and perspectives • Creativity is valued and modeled. • Students' work looks different from each other • Students use ownership words - "my method", "my idea" 
<p>The environment is filled with <i>WONDER</i> and <i>CURIOSITY.</i></p> <ul style="list-style-type: none"> • Students extend their work and investigate • Teacher invites curiosity when posing tasks • Students see maths as an unexplored puzzle • Students freely ask and pose questions • Students seek important information • "I've never thought of it like that before." 	<p>The classroom is a risk-taking, <i>MISTAKE VALUING</i> environment</p> <ul style="list-style-type: none"> • Students share ideas even when they are wrong • Peers seek to understand rather than correct • Students feel comfortable when they are stuck or wrong • Teachers and students work together when stuck • Tasks are low floor/high ceiling • Students disagree with each other and the teacher 

Developed by Jo Boaler/Youcubed.org and Tulare County Office of Education

Family Policy Council participated in a Number Talk activity

What are Number Talks?

Number Talks are a brief daily practice where students mentally solve computation problems and talk about their strategies. Students...

- Make sense of mathematics in their own way
- Make mathematically convincing arguments
- Critique and build on the ideas of their peers
- Develop flexibility and confidence working with numbers and properties

Why are Number Talks needed?

- Too often students mindlessly apply rote procedures.
- Number talks help students develop number sense, the most important foundation that students can have and the basis for all higher level mathematics.
- Success in algebra (and beyond) depends on understanding and developing a strong sense of the meaning of quantities and operations.
- Change the face of who does math: Establish an optimal learning culture in the classroom, promoting a spirit of inquiry where all students and teachers can believe in themselves mathematically, persevere, and know they have ideas worth sharing and listening to.

➤ Cambridge Youth Council Updates

- o 8th Grade Project - Incoming Freshman Night at CRLS - CYC is going to do a workshop with 8th graders

- o Bus Passes for Low Income Students and Free/Reduced Lunch - Met with School Committee members, City Councilors Sumbul Siddiqui and Alanna Mallon and the Mayor. We want to present at the budget meetings
- o CYC Website is updated - www.cambridgeyouthcouncil.org
- o Cambridge Raw Perspectives - Facebook and Instagram. We want to get more people following us. We are supporting the other groups as well. Time management is a challenge, and we are working on it.
- o Recruiting volunteers for the MLK Food Drive

➤ Next Steps

Family Policy Council Meetings 2018-2019 (Thursdays 5:15-7:15)

1. February 14 - Library (Community Room L2)
2. March 21 - Library (Community Room L2)
3. May 2 - 344 Broadway

➤ Adjourn