



Data
Palooza
MassCUE

January 8
2020

Presenter	Session Title	Session Description	Level	Location
Keynote 8:30 am - 9:15 am Blue Lounge				
Presentation				
Building a Data System to Connect with the School Community Uri Harel & John Breslin, Somerville Public Schools				
<p>Over the past 4 years, with support from Code for America, the Boston Foundation, and Microsoft New England, Somerville has developed their own open-source student-centered data system called Student Insights which is being implemented in all Somerville Public Schools and has been expanded to two new districts in Massachusetts. While it was initially a technical project to put “all of the data in one place”, it has evolved into a deeper project to identify and solve key problems educators face in schools. Examples include streamlining student support meetings, creating more balanced class lists, giving students voice about what works for them, and ensuring effective student transitions between schools. We will share the process Somerville uses in tackling these problems, including their successes, challenges, and tips for other districts embarking on this path.</p>				
Session One -- 9:30 am - 10:20 am				
Uri Harel & John Breslin	Keynote Follow Up	Fireside Chat: Q&A About Somerville’s open-source student-centered data system.	All	Presentation
Laura Tilton	Getting Started with Google Data Studio	Are you overwhelmed by too much data? Do you struggle to tell a compelling story and make your	All	Presentation

		<p>data actionable? Have you seen Google Data Studio? Participants will see how Google Data Studio, a free data visualization tool, will allow them to turn unwieldy data into visual and interactive dashboards. We will share a variety of examples related to assessment, demographic, attendance, accountability, and other types of data. Participants will have a hands-on opportunity to create a simple dashboard and learn how to get started using this tool.</p>		
Ann Mariano	Building an MTSS System for Secondary Schools	<p>In this presentation we'll look at how our district, developed an MTSS plan template, MTSS tracking system and protocols to determine interventions. This was done at a middle and high school. We took some time to get to this point, so hopefully some lessons learned will help others. We will look at developing MTSS plans, tracking progress and monitoring plan compliance.</p>	All	Presentation
Brad Hytrek	Data Rich, Action Poor: How we can maximize student data	<p>Come learn how Massachusetts educators utilize data to differentiate instruction and personalize learning. We will see how Otus, a Student Performance Platform is an all-in-one data analytics platform that will allow you to see all of your important 3rd party data in one place!</p>	All	Presentation
Neal Sonnenberg	Getting a Handle on District Data	<p>So your district collects a lot of data BUT you don't have a fancy shmancy data management tool to analyze it for you. What to do? In this collaborative hands-on session, we're going to learn how to best use Google Sheets to manage your in-house data collection and analysis. We will look at some of the lesser-known but critical features and formulas in sheets and review best practices for managing your data. Prior experience with Google sheets would be ideal if you are attending this session.</p>	All	Presentation

Session Two -- 10:30 am - 11:20 am

<p>Laura Tilton</p>	<p>Creating User-Based Dashboards with Google Data Studio and BigQuery</p>	<p>If you already know a bit about Data Studio, join us for an in depth exploration of the use of BigQuery as a data source to create dashboards that change based on the logged-in user. Learn how one district utilized teacher-specific MCAS dashboards in Google Data Studio, allowing educators to have immediate and secure access to only their own students' data (both current and prior year students), in an interactive format for exploration, without the need for administrators to spend time running reports.</p>	<p>All</p>	<p>Presentation</p>
<p>Natalie Croteau</p>	<p>Everything you always wanted to know but were afraid to ask about State Reporting and SIF.</p>	<p>In this workshop, you will learn best practices for newly hired and veteran state reporting specialists from area schools in conjunction with representatives from DESE. State reporting practices have changed greatly over the years and the complexity of the reporting has modified over time. With the evolution of SIF and varying SIS systems, the basics of state reporting best practices still apply. Come learn the basics of state reporting, SIF and some new ways to organize yourself and others in completing state reporting for the best results.</p>	<p>All</p>	<p>Presentation</p>
<p>Jennifer Letourneau</p>	<p>Using Data to STEM change: A Tale of Two Departments</p>	<p>In this presentation, you will hear two stories about how data was used to start a change process related to the racial demographics in courses and levels in a high school math department and science & tech/engineering department (STE). Newton North High School Math and STE Department heads will talk about the data they shared, the methods they used to engage teachers in conversation, the change that happened as a result and the challenges they faced.</p>	<p>All</p>	<p>Presentation</p>

Suzana Somers	Collect Data on Instructional Coaching - connecthub.io	Everyone know coaching works, but how do you really know if it's working for you? Connecthub.io is the first instructional coaching platform that does that. In addition to an overview of the new connecthub.io platform, we'll discuss the types of data to collect on instructional coaching and how to use the data in discussions regarding educator growth with different stakeholders.	All	Presentation
Matt Joseph	How District data analytics can maximize an instructional based spending	District budgets are tight and when looking to maximize dollars and incorporate EdTech solutions, the well dries up fast. However, having the tools and systems in place to analyze, evaluate, and make data-informed decisions will let school and district leaders maximize spending while organizing an efficient EdTech menu of solutions and initiatives.	All	Presentation

Session Three -- 12:30 pm - 1:20 pm

Lytania Mackey Knowles	Going Green with Google Forms for Data Collection in Guidance, Student Support Teams, and the Main Office	This presentation will share out 8 forms that Swampscott has created to collect data in meetings and from stakeholders, across the district. We discuss why we are collecting this data, how to turn an average student meeting into a data collection opportunity, and what to do with that data and when!	All	Presentation
Kristi LaPerle	What Data Do We Send to DESE and What Do They Do With It?	In this workshop, you will learn what data school districts are sending to DESE and how that data is being used. We will go over the data that is sent through our state reporting, ie. SIMS and the 52 elements we report for students, EPIMS and the staff information that is collected and more. Then we will look at how that data is used by the state for things like funding, testing materials, reporting, and analysis through EDWIN Analytics.	All	Presentation

Jennifer Judkins & Jonathan Schmid	Everything is Awesome(Tables)!	Learn how you can turn boring, hard to read Google Sheets data into a beautiful, embedded display. AwesomeTable is a tool that allows users to create dynamic views that users can interact with.	All	Presentation
Patrick Yoho & Ann Mariano	Reflections of a District Data Analyst and how a robust data infrastructure like Landing Zone can help	Landing Zone is a project whose aim is to make district data analysts more effective, efficient, and happy by leveraging the Ed-Fi data standard to bring together data from your student information system, learning management system, assessment platform, and more--all in one place. In this session the lead software developer for Landing Zone will present his reflections on the role of a district data analyst from 3 years in the position and will explain the Landing Zone system and how it can make school data faster, easier to use, and more reliable.	All	Presentation
Brenda Lee Chris Gosselin	Leveraging Digital Tools within the MTSS Framework: One School's Story	In this workshop, we will share how over the past three years, we have revamped Response to Intervention protocols at our elementary school to include digital tools. By collaboratively developing a website of resources, integrating a digital file management system using Google Drive and completely digitizing the referral process through Google Forms.	All	Presentation
Joseph Ovard	Stop the Boredom! A Better Way to Teach Personal Finance.	Mimic Personal Finance blends in-class activities with a virtual simulation, transforming courses into an engaging role-playing experience where students make real decisions for real consequences. Students manage resources, purchase in-class privileges, acquire assets/liabilities, make investments, deal with the unexpected, and buy a portion of their overall grade! Mimic Personal Finance changes education by shifting away from a content-only approach and focusing on the decision-making	All	Presentation

process. Sample curriculum is provided and technology will be demonstrated.

Session Four -- 1:30 pm - 2:20 pm

Erin Foley	Google Forms and Sheets - Data Analysis Made Quick and Easy	Learn how to maximize your data analysis with simple, easy-to-use tools that allow you to quickly pinpoint student strengths and areas needing improvement.	All	Presentation
Michael Mahoney	Data and MCAS. When students fail, what's the plan?	This presentation will provide a data driven approach that makes use of EDWIN data to target persistent MCAS math failures. Though this talk will focus on math, the method is transferable to students experiencing the same difficulties in passing the ELA and Science MCAS exams. The target audience for this presentation will be anyone who is concerned with students who have demonstrated difficulty passing any of the MCAS exams and are open to looking at different, data-driven way to tackle this problem.	All	Presentation
Laura Cahill	Using Google Classroom to Track Student Progress Toward Learning Standards	In this presentation, participants will learn how to use Google Classroom as a platform to help students in gaining a strong understanding of content standards and how to assess their own progress toward those standards. Participants will see examples of Google Classrooms in which students have uploaded self-selected evidence of mastery and how that can be a portfolio of learning.	All	Presentation
Jenn Judkins & Jonathan Schmid	Google Forms & Sheets Automation Smackdown	In this smackdown-style session, presenters will showcase school and district examples where Google Forms and Sheets have been used to revolutionize workflows.	All	Presentation

Matthew Wilson	Data Teams: Product + Process + Culture = Success	Participants will learn how data teams can effectively warehouse data, administer and/or collect assessment data and employ effective activities and protocols. This workshop will benefit both new and experienced data leaders looking to simplify and improve their existing solutions.	All	Fallon Room
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