



Data
Palooza
MassCUE

January 8
2020

Presenter	Session Title	Session Description	Level	Presentation Link
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	Participants will see how Google Data Studio, a free data visualization tool, can be used to turn unwieldy data into visual and interactive dashboards.	All	Presentation
Ann Mariano	Combining SIS data, state and local assessments for Google Data Studio Reports	Building Data Dashboards from Many Different Sources! We'll look at our district's year long journey to create data dashboards for district and school personnel. We are able to report on multiple assessments, behavior data, grades and demographics. Once the data warehouse is built, the requests soon follow.	All	Presentation
Jennifer Gurss	Data Rich, Action Poor: How we can maximize student data	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!	All	Presentation
Neal Sonnenberg	Getting a Handle on District Data	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.	All	Presentation
Session Two -- 10:30 am - 11:20 am				
Laura Tilton	Creating User-Based Dashboards with Google Data Studio and BigQuery	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	All	Presentation

		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.		
Natalie Croteau	Everything you always wanted to know but were afraid to ask about State Reporting and SIF.	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.	All	Presentation
Jennifer Letourneau	Using Data to STEM change: A Tale of Two Departments	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.	All	Presentation
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	All	Presentation

does that. In addition to an overview of the new connecthub.io platform, we'll discuss types of data to collect on instructional coaching and how to use the data in discussions regarding educator growth with different stakeholders.

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	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
Jonathan Schmid	Google Forms & Sheets Automation Smackdown	In this smackdown-style session, presenters will showcase school and district examples where	All	Presentation

		Google Forms and Sheets have been used to revolutionize workflows.		
Brenda Lee	Leveraging Digital Tools within the RTI 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

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	All	Presentation

		see examples of Google Classrooms in which students have uploaded self-selected evidence of mastery and how that can be a portfolio of learning.		
Patrick Yoho & Ann Mariano	Using Landing Zone from Data Viz to create a DataWarehouse	We bring the data that is most important to you together, in one place. We leverage Ed-Fi to bring together data from your student information system, learning management system, assessment platform, and more. We do this by providing districts with a fully managed and supported Ed-Fi ODS (operational data store). This unlocks the ability to view the full student by visualizing any data from one entity (ie. attendance) next to another (ie. grades), unlocking data interoperability for your organization, and the ability to improve your data quality by leveraging reports provided that look for common data issues.	All	Presentation