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Welcome

Dear MACUL Conference Attendees,

Hello and Welcome Everyone! We are excited to bring the 43rd MACUL conference to you in Detroit. This year’s conference theme is Cultivating Curiosity. This year it should be easy to find ways to not only cultivate your own curiosity, but also envision ways to help your students be more curious as well.

The conference starts off Wednesday with a day of great conference workshops hosted by our Special Interest Groups (SIGs) as well as few unique offerings for this year. These sessions are a half or full day. Please be sure to check them out to extend your learning opportunities. In addition to our fabulous keynote, featured, and session speakers, we have several other opportunities to learn, grow, and connect. Consider attending one of these events as well:

- **MakerSpace** (opens at 9:30 on Thursday and 8:30 on Friday)
- **Student Technology Showcase** (Thursday 11-1:00 pm)
- **AR / VR Playground** in the MACUL Zone
- **MACUL Annual meeting** (Thursday 5:15 pm room 140B)
- **MACUL Reception** (Thursday 7:00 pm at Punch Bowl Social)
- **Posters** (Friday 8:30 - 10:00 am)
- **GooseChase online activity** (win some great prizes if you play)

There is a lot going on, to keep track of everything please consider using the MACUL 2019 Conference app. Simply search for MACUL Events in the Apple or Google Play app stores, download and install. You will be able to search through sessions, create a schedule, locate session rooms and more. Feel free to also check out the information on the conference website maculconference.org.

The MACUL conference is one of the largest educational technology conferences in the US and the largest educational conference in Michigan. It takes the work and dedication of a lot of great individuals to put everything together. I’d like to thank Conference Chair Joe Rommel for his continued leadership, MACUL Executive Director Mark Smith, MACUL staff, Board of Directors, and SIG Leadership, Chris Garrett of G&H events, LLC; and all of the volunteers that keep us all moving in the right direction. And thanks to YOU! For attending and supporting us! We love to hear your feedback so that we can continue to improve and grow.

Hope you connect, learn a few new things, and have a great conference!

Steve Dickie, President
Michigan Association for Computer Users in Learning (MACUL)
Use the 2019 MACUL Conference App

- to browse events and activities
- to plan your schedule, connect with friends, and evaluate conference sessions
- to find late-breaking program changes

The app is available on all platforms as well as the web.

Visit maculconference.org for more information.
WEDNESDAY, MARCH 20

7:30 AM – 5:30 PM  Conference Registration .................................................... Outside Hall D, Level 2
8:30 AM – 12:00 PM Pre-Conference Workshops ................................................ Various Locations
1:00 – 4:30 PM Pre-Conference Workshops .................................................... Various Locations

THURSDAY, MARCH 21

7:00 AM – 5:00 PM  Conference Registration .................................................... Outside Hall D, Level 2
8:15 – 9:30 AM Opening Keynote: Stephen Ritz ........................................ Grand Riverview Ballroom
9:30 AM – 4:00 PM Makerspace ................................................................. Atrium, Level 1
9:30 AM – 5:00 PM Exhibits Open ............................................................. Hall D, Level 2
10:00 – 11:00 AM Featured Speakers/Breakout Sessions ....................... Various Locations
11:00 AM – 1:00 PM Student Technology Showcase ................................. Atrium, Level 1
                             Focused Exhibits Time ............................................. Hall D, Level 2
                             Learning Labs .......................................................... Hall D, Level 2
Administrators Forum (RSVP REQUIRED) ............................................. 310B
SPONSORED BY GOOGLE FOR EDUCATION
1:00 – 2:00 PM Featured Speakers/Breakout Sessions ....................... Various Locations
2:30 – 3:30 PM Featured Speakers/Breakout Sessions ....................... Various Locations
4:00 – 5:00 PM Featured Speakers/Breakout Sessions ....................... Various Locations
5:15 – 6:15 PM MACUL Annual Meeting .................................................... 140B
7:00 – 10:00 PM MACUL Reception ....................................................... Punch Bowl Social
SPONSORED BY TRINITY3 TECHNOLOGY

FRIDAY, MARCH 22

7:30 AM – 12:00 PM Conference Registration .................................................... Outside Hall D, Level 2
8:30 AM – 1:00 PM Exhibits Open ............................................................. Hall D, Level 2
8:30 – 9:30 AM Featured Speakers/Breakout Sessions ....................... Various Locations
8:30 – 10:00 AM Posters ................................................................. Atrium, Level 1
8:40 – 9:00 AM Learning Labs ............................................................. Hall D, Level 2
9:30 AM – 2:00 PM Makerspace ......................................................... Atrium, Level 1
10:00 – 11:00 AM Featured Speakers/Breakout Sessions ....................... Various Locations
11:30 AM – 12:30 PM Featured Speakers/Breakout Sessions ....................... Various Locations
1:00 – 2:00 PM Featured Speakers/Breakout Sessions ....................... Various Locations
2:30 – 3:30 PM Closing Keynote: Gerry Brooks ................................ Grand Riverview Ballroom
Conference Highlights

Opening Keynote
Thursday, 8:15–9:30 AM
Grand Riverview Ballroom

Makerspace #MACUL19
Thursday, 9:30 AM–4:00 PM
Friday, 9:30 AM–2:00 PM
Atrium, Level 1
Come to Makerspace #MACUL19 to create, invent, and learn. Bring ideas, expertise, or simply enthusiasm to this informal, collaborative environment that is designed to celebrate hands-on exploration and creation.

Learning Labs
Thursday, 11:25 AM–1:00 PM
Friday, 8:40–9:00 AM
Hall D, Level 2
Back for the second year, these are 25-minute demo-style sessions by exhibitors displaying their products and services. The sessions are located in the back of the exhibit hall.

Student Showcase
Thursday, 11:00 AM–1:00 PM
Atrium, Level 1
The Showcase features some of the top technology projects in Michigan. This event will highlight the best examples of the integration of technology into the curriculum. Students and teachers will be available to discuss their projects.

MACUL Annual Meeting
Thursday, 5:15–6:15 PM
Room 140B
Join us to learn more about MACUL at the Annual Meeting. We will review MACUL’s annual report, and time will be available to ask questions and offer input into MACUL’s goals and objectives.

MACUL Reception
Thursday, 7:00–10:00 PM
Punch Bowl Social
SPONSORED BY TRINITY3 TECHNOLOGY
Get your fun on! Be sure to leave time to attend the MACUL Reception at Punch Bowl Social. Come enjoy fellowship with conference attendees as well as bowling, pool, and lots more activities. Light refreshments and a cash bar will be available. Shuttle buses will run from the Marriott and the Crowne Plaza throughout the event.

Poster Presentations
Friday, 8:30 –10:00 AM
Atrium, Level 1
Following up on last year’s successful event, posters will be on display with educators showcasing their ideas, talents, and programs. Walk away with ideas fueled by the energy and passion of fellow educators in a short amount of time. Be sure to check it out!

Closing Keynote
Friday, 2:30–3:30 PM
Grand Riverview Ballroom
Don’t miss Gerry Brooks’ presentation as he closes the 2019 MACUL conference. He is a Principal in Lexington, Kentucky, and YouTube and Facebook sensation.
Conference Information

Conference Website
In addition to the MACUL Conference App, attendees can use the MACUL Conference website to locate attendee resources, speaker resources, exhibitor information, and more. Visit maculconference.org.

Exhibit Hall
Located in Hall D in Cobo Center, the exhibit area features over 200 displays of current hardware, software, and other materials related to educational technology.

MACUL Zone
Visit the MACUL Zone, located in the exhibit hall, and experience the AR/VR Playground. This is your opportunity to get a firsthand look at the latest in both augmented and virtual reality! Explore station-based demos that model apps, tools, and experiences that are pushing the boundaries of educational environments. Try it out and learn ways to bring these cutting edge experiences back to your classroom!

Concessions
Concession areas are available on Level 2 of Cobo. Downtown restaurants offer other options for lunch. Visit Local Places on the conference app for more information.

Ask Me!
Located throughout Cobo, MACUL volunteers will be available at Ask Me! stations. Stop and ask any conference-related question.

First Aid
A first aid station is located in the front of the exhibit hall. Come to the registration desk for assistance.

For your convenience, Cobo has two Mamava nursing pods located by the hospitality desk and near Hall D, both on the second level. The code is: 7254.

Room Capacity
Standing or sitting in aisles of session rooms is not permitted. All rooms are set to the maximum number of attendees allowed per the fire marshal.

Age Restriction
Children under the age of 18 (including infants), are not permitted in sessions (unless presenting) or the exhibit hall.

Feedback
We hope you have a great conference experience! Please complete session and conference evaluations using the conference app.

Registration Hours
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SCECH Credit

SCECHs are offered at the 2019 MACUL Conference. Virtually all sessions are eligible. The number of hours earned is based on the number of sessions attended. You must note on the form how many hours you have spent each day attending sessions in order to earn credit.

A SCECH application form is located in your conference bag. BEFORE you leave the conference, take your completed form to the Help/SCECH Desk at the conference registration area. You must attend one hour in order to be eligible for credit. If you do not attend one contact hour, you have not met the State minimum requirement and will not be eligible for credit.

At the conclusion of the event all forms will be reviewed for accuracy. Please make sure your first name, last name, PIC number, and email address EXACTLY match the login information for your State of MI MOECS account. If these do not match, your hours will not be successfully uploaded with the Department of Education. Two to four weeks after the MACUL conference you will receive an email from the Department of Education prompting you to complete a survey. Upon completion of this survey your hours will be awarded and will appear in your online account. You must complete this survey to receive your hours.

A $10 application fee is required to apply for SCECHs. You must pay your $10 fee at the conference when you submit your application form. The application forms are only accepted on site during the conference and will not be accepted by mail or after the conclusion of the conference. Make sure you have your PIC written down. You will need it to turn in the SCECH forms and to receive the hours.
Digital Leadership Award

**KRISTINA MARTIN**
Macomb Intermediate School District

Technology-Using Teacher Award

**JENNIFER BOND**
Walled Lake Consolidated Schools

President’s Award

In recognition of contributions to the advancement of the use of technology in education

**JIM WENZLOFF AND CHRIS BURNETT**
Student Showcase Coordinators

Making It Happen Award

To be announced at the Opening Keynote on Thursday, March 21

Frank Miracola 21 Things Educational Excellence Award

**DARYL MCLEESE**
Paw Paw Public Schools

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Formed in 1975, the Michigan Association for Computer Users in Learning (MACUL) is a 501(c)(3) organization dedicated to bringing educators from all levels together to ignite learning through meaningful collaboration and innovation. MACUL is an affiliate organization of the International Society for Technology in Education (ISTE) and the State Educational Technology Directors Association (SETDA).
WE GET LIMITED RESOURCES SHOULDN’T LIMIT IMAGINATIONS.

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                 Divine Child High School
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Treasurer       Gina Loveless, Paw Paw
                 Public Schools
Secretary       Tammy Maginity, Pennfield
                 Public Schools
Past President  David Prindle, Byron Center
                 Public Schools

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Jason Gribble, Riverview Community Schools
Kerry Guiliano, Monroe County ISD
Teri Gustafson, Northwestern Michigan College
Liz Kolb, University of Michigan
Gina Loveless, Paw Paw Public Schools
Ron Madison, Genesee ISD
Ashlie O’Connor, Alcona Community Schools
Ann Smart, Lenawee ISD
Mary Wever, Waverly Community Schools

ISTE Liaison
Mark Smith

Student Technology Coordinators
Chris Burnett
Jim Wenzloff

MACUL Staff
Mark Smith, Executive Director
Ieva Kule, Operations Manager
Barb Surtman, Finance Manager
Matthias Bell, Digital Platforms Manager

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SIG ADMIN
Rachael Postle-Brown, Jenison Public
Schools

SIG CREATE
Eric Strommer, Flint Community Schools

SIG CS
Pamela Moore, Eastern Michigan University

SIG EE
Dean Meyer, Laingsburg Community Schools

SIG INC
Laura Griffith, Calhoun ISD

SIG LIB
Rachel Markel, Portage Public Schools

SIG OBL
Craig Steenstra, Kent ISD

SIG PL
Kellie DeLosSantos, Jackson County ISD

SIG TC
Jeff Trudell, Wyandotte Public Schools
## MACUL Conference Planning

### Conference Chair
- **Joe Rommel**

### AV and Technical Support
- **Ren Baldwin**

### Conference and Exhibit Arrangements
- **G&H Events LLC**
  - Chris Garrett

### Evaluations
- **Gina Loveless**

### Gaming Component/ Give-a-Ways/Trivia
- **Gina Loveless, Chair**
- **Kerry Guilano**

### MACUL Zone/ Special Events
- **David Prindle, Chair**
- **Craig Allen**

### Speakers/Posters
- **Tammy Maginity, Chair**
- **Jason Gribble**
- **Mary Wever**

### STS/Innovation Zone
- **Ron Madison, Chair**
- **Ashlie O’Connor**
- **Ann Smart**

### Volunteers
- **Liz Kolb, Chair**
- **Teri Gustafson**

---

### CONNECT WITH US ON SOCIAL MEDIA!
**FOLLOW US AND SHARE RESOURCES WITH #MACUL19**

- **@MACUL**
- **macul_ed_tech**
- **Michigan Association for Computer Users in Learning (MACUL)**
- **macul_edtech**

- **YouTube**
  - Name: Michigan Association for Computer Users in Learning (MACUL)

- **LinkedIn**
  - Name: MACUL (Michigan Association for Computer Users in Learning)

- **Google+ Community**
  - Name: MACUL
MACUL Past Presidents

2017-18  
  David Prindle

2016-17  
  Gina Loveless

2015-16  
  Kevin Clark

2014-15  
  Tammy Maginity

2013-14  
  Pamela Shoemaker

2012-13  
  Steve Schiller

2011-12  
  Mike Oswalt

2010-11  
  Sue Hardin

2009-10  
  Tim Kamps

2008-09  
  Diane Zoellmer

2007-08  
  Michael Porter

2006-07  
  Jo Ellen Miskowski

2005-06  
  Ren Baldwin

2004-05  
  Judy Paxton

2003-04  
  Pete Mantei

2002-03  
  Ricki Chowning

2001-02  
  Barbara Bartosiewicz

2000-01  
  Kevin Galbraith

1999-2000  
  Bill Wiersma

1998-99  
  Frank Miracola

1997-98  
  Ric Wiltse

1995-97  
  Jim Bembenek

1994-95  
  Mike Souden

1993-94  
  Tim Staal

1992-93  
  Rick Dalzell

1991-92  
  Robin Moore

1990-91  
  Russell Stanton

1989-90  
  Mary Lynn Kovach

1988-89  
  Joe Ellison

1987-88  
  Lynn Lieberman

1986-87  
  Ron Carlson

1985-86  
  Don VanderJagt

1984-85  
  Steve Shotwell

1983-84  
  Betty Vandenbosch

1982-83  
  Carolyn Gilbreath

1981-82  
  Jim Winebrener

1980-81  
  Ray Hoag

1979-80  
  Tom Schmeltzer

1978-79  
  Leighton Price

1977-78  
  Larry Molloy

1976-77  
  Tom Hartsig
Annual Meetings will be held on Thursday, March 21. Locations and times are indicated below. Pre-registration is required.

SIGADMIN — Administration
Focuses on providing continuous, relevant growth opportunities to educational leaders
Annual Meeting — RSVP REQUIRED
11:00 AM • Room 310 B

SIGCREATE
Focuses on empowering teachers to foster creativity and innovation in the classroom
Annual Meeting
5:30 PM • Grand Trunk Pub, 612 Woodward Avenue

SIGCS – Computer Science
Focuses on computer programming in education
Annual Meeting
5:00 PM • Room 112 A-B

SIGEE – Elementary Education
Focuses on the use of utilizing technology tools for integrated instruction elementary grades
Annual Meeting
11:15 AM • District Bar & Grill, 150 W Jefferson Avenue, Suite 125

SIGINC – Inclusive Learning
Focuses on integrating technology into instruction to meet the diverse needs of all learners
Annual Meeting
6:00 PM • Vicente’s Cuban Cuisine, 1250 Library Street

SIGLIB – Librarians/Media Specialists
Focuses on integrating technology in school libraries and supporting literacy, research, and efficient and ethical use of information
Annual Meeting
11:00 AM • Room 115 B

SIGOBL – Online and Blended Learning
Focuses on online learning, blended learning, mobile learning devices, and instructional tools and strategies for teaching and learning online
Annual Meeting
11:30 AM • Room 112 A-B

SIGPL – Professional Learning
Focuses on providing professional development opportunities in the effective use of technology in teaching and learning
Annual Meeting
11:00 AM • Room 111 B

SIGTC – Technology Coordinators
Focuses on technology-based professional development, integrating technology into the curriculum, technology planning and budgeting, trends in developing technologies and technology leadership certification
Annual Meeting
11:30 AM • Room 112 C-D
Session Types

Sessions are categorized by one of seven session types:

**Deeper Dive:** 90-minute hands-on sessions focusing on a resource, site, or procedure, allowing participants to learn and play. Participants will need to bring a device that can access the resource so they can take part in the activities for the session. Room will have tables to promote the hands-on intent.

**Explore and Create:** 60-minute sessions offered by an individual or team of facilitators focusing on an identified topic in which attendees bring their own devices, participate in guided hands-on activities and learn by doing. Session proposals must include all app, device, or software requirements in the session description.

**Learning Lab:** 25-minute demonstration-style sessions presented by sponsors, highlighting their products and services.

**Listen and Learn:** Traditional 60-minute sessions offered by an individual or a team of presenters. Sessions are informative, focusing on various aspects of educational technology. Attendees sit back and soak up the learning.

**Panel Session:** 60-minute sessions highlighting ed tech topics and concepts. A moderator interacts with copresenters on an informal panel. Panelists present different perspectives or experiences on the topic. Questions from the audience are encouraged, creating an interactive and dynamic environment.

**Participate and Share:** 60-minute sessions offered by an individual or a team of presenters. Audience participants interact with the facilitator and other attendees as they learn. Social/informal in nature, these sessions focus on an identified topic. Attendees network and share ideas with like-minded peers.

**Posters:** 45-minute session presented by multiple educators who will showcase their programs, ideas, and passions, using a visual display board and one-on-one, face-to-face interactions with participants.

---

**Be a Good Network Neighbor**

MACUL is working hard to provide a robust network for conference attendees. But we need your help. Here’s what you can do:

1. Connect one device at a time: While you may have multiple wireless devices, please only connect one at a time to the network and take a moment to disconnect when you switch to a different device.

2. Don’t set up your own network: When things get slow, it is tempting to use a wifi hub to set up a network. Please avoid the temptation as your mini-network interferes with the larger network.

3. Wait to download and stream: The network is meant for conference-related usage such as checking the online program or chatting on the backchannel. Please resist the urge to download large files or stream movies during conference hours.

Thanks for your help!
Keynote Speakers

Stephen Ritz

_Educator, Administrator, Innovator, Urban Farmer, Author of The Power of a Plant, and Founder of the Green Bronx Machine_

**The Power of a Plant: A Teacher’s Odyssey to Grow Healthy Minds and Schools**

_Thursday, 8:15 – 9:30 AM, Grand Riverview Ballroom A-B_

Stephen Ritz is a South Bronx educator / administrator who believes that students shouldn’t have to leave their community to live, learn, and earn in a better one. Moving generations of students into spheres of personal and academic successes which they had never imagined — while reclaiming and rebuilding the Bronx — Stephen’s extended student and community family have grown more than 40,000 pounds of vegetables in the Bronx while generating extraordinary academic performance. Recently named a 2015 Top Ten Finalist for the $1m Global Teacher Prize, Stephen’s accolades include a 2016 Project Based Learning Champion Award, 2016 Health Champion Award, 2016 Dr. Oz Award, 2015 BAMMY Laureate – Elementary Educator of the Year Award, 2014 Greenius Award, 2014 Green Difference Award, 2013 Latin Trends Award, ABC Above and Beyond Award, Chevrolet / General Motors National Green Educator Award, USS Intrepid Hometown Hero Award, NYC Chancellor’s Award and various others.

Gerry Brooks

_Principal, Liberty Elementary, Lexington, Kentucky, and YouTube Sensation_

**The Importance of Personal Climate and Culture**

_Friday, 2:30 – 3:30 PM, Grand Riverview Ballroom A-B_

Gerry Brooks is principal at an elementary school in Lexington, Kentucky. His educational experience includes six years in the classroom, two years as an intervention specialist, and 12 years as an administrator. He is a passionate public speaker whose focus is on encouraging and helping teachers improve their instructional abilities. He also has a desire to help administrators successfully lead their staff. An encouraging speaker, he has spoken to educational groups all around the nation. His focus is on encouraging teachers to improve their instruction through personal climate and culture strategies. He desires to help administrators focus on how to lead all staff in a positive and constructive manner. His following on social media has developed through humorous videos that focus on real-world educational experiences. He is currently followed on these social media sites by over 975,000 people.
Kasey Bell
Author, Google Certified Innovator & Trainer, Blogger, shakeuplearning.com
Kasey Bell is an engaging, innovative, from the heart sharer who inspires educators. She empowers teachers with publications and award-winning educational resources at ShakeUpLearning.com, learner-driven workshops and presentations and co-hosting Google Teacher Tribe weekly podcast.

Adam Bellow
Co-founder of Breakout EDU
Adam Bellow began his career in the classroom as a High School English teacher. Adam is Co-Founder of Breakout EDU, the immersive gaming platform that enables teachers and students to transform classrooms into places of discovery and inquiry-based learning.

Richard Byrne
Google Certified Teacher, Blogger, freetech4teachers.com
Richard Byrne is a five time winner of the Edublogs Award for Best Resource Sharing Blog - freetech4teachers.com. His work is focused on sharing free web-based resources that educators can use to enhance their students’ learning experiences. In addition to writing Free Technology for Teachers, he also maintains iPadApps4School.com, Android4Schools.com, and PracticalEdTech.com.

Leslie Fisher
Director, lesliefisher.com
Leslie’s interest in tech began while studying music at the University of Southern California, where she recognized the value of using computers for mixing and recording. After graduating, Leslie joined Apple Computer, and was one of its first employees to study internet growth and implementation. After being laid off in 1997, Leslie founded Fisher Technologies Inc.

Abbey Futrell
Assistant Superintendent, Edgecombe County Public Schools
Abbey Futrell is the Assistant Supt. of Curriculum and Instruction for Edgecombe County Public Schools in Tarboro, North Carolina. Abbey’s collective 16 plus years in education include providing educational experiences for educators at the local, district, regional and state level. She frequently presents at education conferences and has moderated Future Ready Summits sponsored by U.S. DOE.

Roni Habib
Founder of EQ Schools
Roni Habib is an expert in helping educators become more mindful, connected, and playful. As the founder of EQ Schools, he leads workshops and speaks in schools nationally and abroad. Prior to earning his Masters of Education and teaching credential at Harvard University, he lived in Israel and Belgium. Most important though, is that Roni has a huge heart and loves helping people.
Rushton Hurley  
*Founder and Executive Director, Next Vista for Learning*

Rushton Hurley, the founder and executive director of Next Vista for Learning, has spent decades exploring innovative possibilities for bringing together proven approaches with cutting-edge technologies, from his graduate research at Stanford University to his work with teenagers as teacher and a principal of an online school, to speaking at conferences and trainings around the world, to the 2017 5-Day Teacher Challenge for 2000+ teachers from 40 countries.

Thomas Murray  
*Director of Innovation for Future Ready Schools*, Alliance for Excellent Education

Tom Murray has worked throughout the country to implement student-centered, personalized learning while helping to lead Future Ready Schools and Digital Learning Day. Murray was named one of 20 to Watch by NSBA, one of 20 thought leaders in education, and the Education Policy Person of the Year by the Academy of Arts and Sciences. A former school principal and teacher, he is also the cofounder of #edchat, a weekly educational technology Twitter forum.

Joe Sanfelippo  
*Superintendent for Fall Creek School District, WI*

Dr. Joe Sanfelippo is the Superintendent of the Fall Creek School District in Fall Creek, Wisconsin, home of the Crickets and an Innovative District in 2016 and 2017 by the International Center for Leadership in Education. Joe co-hosts the Hacking Leadership Podcast and co-authored *The Power of Branding: Telling Your School’s Story*, *Principal Professional Development: Leading Learning in a Digital Age*, and *Hacking Leadership: 10 Ways Great Leaders Inspire Learning That Teachers, Students, and Parents Love*.

Dean Shareski  
*Community Manager for Discovery Education Canada*

Dean Shareski works for Discovery Education in Partner Engagement. He taught grades 1-8 for 14 years and spent 9 as a digital learning consultant for Prairie South School Division in Moose Jaw, SK. In addition he is an adjunct professor at Wilkes University. He has recently authored “Embracing a Culture of Joy” and co-authored, “Different Schools for a Different World”. Dean believes humor and humility go a long way in supporting and advocating transformational practices in teaching and learning.

Sarah Wood  
*K-12 Technology & Media Integration Specialist, Godfrey-Lee Public Schools*

Sarah Wood is a K-12 Technology & Media Integration Specialist in West Michigan. As an educator, Sarah strives to provide unique learning experiences for students that not only engage them in the learning, but leave students with a story to share about their learning. She has previously presented at MACUL and Podstock as well as done graphic recording for ISTE.
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Students thrive when they have access to personalized learning and tools that spark creativity.

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Poster Presentations

Poster presentations are on Friday, March 22, in the Atrium from 8:30-10:00 AM.
*SCECHs are not available for this event.
Please check the conference app for more information.

Bringing Your “A” Game to Staff Meetings
Marvin Taylor, Athens Area Schools, Principal/ Curriculum Director, and Sarah Taylor, Pennfield Schools, Vice Principal, Dunlap Elementary

Coding Club Fun!
Carma Roesch, Clinton Community Schools, Tech Integration/Media Center Coordinator

Diary of Blended Learning: Our First Year (Teacher and Students)
Jenna Kraft, Scheck Hillel Community Schools, Teacher

Engaging with Gamification – Transforming the School Experience!
Katie Coyne, Flat Rock Community Schools, Teacher

Exploring Solar Energy and Showing Empathy Internationally with Middle Schoolers
Kim Meyer, Kalamazoo Christian Schools, 5th Grade Teacher, and Meghan Van Lente, Kalamazoo Christian Schools, Teacher

Flipped on It’s Head: A Re-Imagined Math Class
Benjamin Ellis, Olivet Middle School, 8th Grade Teacher

Innovation Classroom
Matt McCullough, Innovation Classroom, IC Team Member, and Heather Gauck, Innovation Classroom, Founder of IC

Making Community Connections
Carrie Moeggenberg, LASD, Instructional Technology Coach

Making in the Writer’s Workshop
Kristin Kockheiser, Waverly Community Schools, Teacher

Showing Your Students the World Using VR Headsets
Melissa French, Schoolcraft Community Schools, Spanish Teacher

Tech Tools to Digitize Your Curriculum, Instruction, and Assessment
Erik Cliff, CBD Consulting, Professional Learning Coach

VR Storytelling
Lorri Batsie, Hackett Catholic Prep

MACUL thanks the 100 plus volunteers who helped to make this conference the best ever!

Please be sure to thank them when you see them wearing their MACUL Volunteer shirts.

Want to volunteer next year? Be sure to sign up when registering for MACUL 2020 in Grand Rapids on March 11-13.
Thursday

**KEYNOTE**
The Power of a Plant: A Teacher’s Odyssey to Grow Healthy Minds and Schools
Stephen Ritz, Educator, Innovator, Urban Farmer
Grand Riverview Ballroom

10:00 – 10:45 AM

**ENGAGE AND CONNECT**
Enabling Tomorrow’s Active Learning Spaces with the Intel Unite Solution
Dave Buchholz, Intel
141

10:00 – 11:00 AM

**FEATURED**
25 Things You Didn’t Know Google Slides Can Do!
Kasey Bell, ShakeUpLearning.com, Founder
Grand Ballroom B

All About the Rocketbook
Leslie Fisher, Fisher Technologies Inc., Founder
260

Community Podcasting
Richard Byrne, Byrne Instructional Media, LLC, President
Grand Riverview Ballroom A

Learning Transformed: 8 Keys to Designing Tomorrow’s Schools, Today
Tom Murray, Future Ready Schools, Director of Innovation
330B

Little Things to Make You a Better Teacher
Rushton Hurley, NextVista.org, Founder
330A

10:00 – 11:00 AM

**EXPLORE AND CREATE**
Breakout EDU – It’s Time for Something Different
Patti Harju, Breakout Edu, Education Evangelist
251A

Creating with Desmos
Tara Maynard, Zeeland Public Schools, 8th Grade Math Teacher
413

Envisioning and Refining a STEM Program or Initiative
Kelly Reddin, LEGO Education, Global Master Trainer and Solutions Engineer
354

Foster Creativity Through Visual Storytelling with Keynote
Apple Distinguished Educators
258

Fun For the Modern Student: Blending NGSS with Easy Technology
Maria Gonzalez, Holy Family School, Teacher/ Tech Support
250A

Increasing Student Motivation with Cool Tech Tools
Laura Chang, Michigan Teacher of the Year
312A/B

MAKE-ing the Most of Your Curriculum
Jennifer Bond, Walled Lake Consolidated Schools, Third Grade Teacher and Technology Leader
140C

Technology and Art in the Classroom!
Andrew Hopkins, Notre Dame Marist Academy, Technology Teacher, and Michelle Zimmerman, Notre Dame Marist Academy, Art Teacher
140G
10:00 – 11:00 AM

The Power of Video: Student Publishing in the ELA Classroom
Shana Ramin, Berkley School District, Teacher
337

The T in STEM
Megan Birdwell, St. Charles Community Schools, Middle School Teacher
251C

LISTEN AND LEARN

100 Ways to Use Discovery Education
Dean Shareski, Discovery Education, Community Manager
252B

“Keeping” Organized with Google Keep
Marvin Taylor, Athens Area Schools, Principal/ Curriculum Director, and Sarah Taylor, Dunlap Elementary School (Pennfield Schools), Assistant Principal
353

Board Games, PBL, and Design Thinking Walk into a Bar...
Jason Hubbard, Hull Prairie Intermediate School, STEM Educator
140B

Fearless Embedding and Other Crazy Media Tricks!
321

From Believing To Achieving: A Technology Club Emerges, Mission Accomplished
Kristine Clark, Sandusky Community Schools, Fourth Grade Educator
331

Get Ready for the NEW Google Classroom
John Sowash, Sowash Ventures, LLC, Teacher
310A

10:00 – 11:00 AM

Gettin’ Griddy with It: Reaching ALL Students with Personalized Learning
Tiffany Ott, Western Reserve Academy, High School Math Teacher
357

Going From Zero to AP Computer Science Principles in One Year
Melanie Cochirill, New Haven High School, Teacher, and Randi Watts, Northwest High School, AP Computer Science Teacher
415A/B

High School Online Learners Share Their Stories
Lori Coyle, Michigan Virtual, Lead Online Social Studies Instructor, and Jaci Hartman, Michigan Virtual, Lead Online Science Instructor
252A

Letter Grades are Fake News – SAD!
Brian Ouellette, Allegan Public Schools, Teacher
355

Leveraging Tech in the NGSS Secondary Classroom
Keith McLaughlin, St. Joseph High School, Teacher
358

Maker Night 101: Preparing Your K-2 School for a Successful Maker Night
Courtney Bordner and Julie VanderEnde, Mattawan Consolidated School, Teachers
140E

Managing Data and Systems at MDE
Dave Judd, Michigan Dept. of Education, Director
251B

MiRead - Michigan's Literacy Portal and IRIP Tool, Going Statewide Summer 2019
Tom Johnson, MiDataHub, Actionable Data Manager and Dave Cairy, Michigan Collaboration Hub (MiCH)/MAISA, Director
250C
Revitalizing PD with Badging
Brian Bennett, Elkhart Community Schools, Instructional Coach
142C

What’s New from Apple
Apple
140A

Why Google Keep Might Just Be an Administrator’s BFF
Jerry Johnson, Muskegon Public Schools, Director of Instructional Technology
313A/B

World Changers Unite! Level the Playing Field with Microsoft Teams and Microsoft Translator
Adam Rummelhart, Microsoft, Microsoft Learning Consultant
250B

PANEL
Tech Tip Tango
Stefanie Cairns, Rachelle Galang, Kim Logie-Bates, and Gianna Mrozek, Oakland Schools, Technology Integration Specialists
142A

PARTICIPATE AND SHARE
Addressing the Needs of All Students with Office 365
Craig McBain, Chippewa Valley Schools, Director of Technology, and Sarah Monnier-White, Chippewa Valley Schools, Instructional Technology Coordinator
320

Big or Small, Digital Book Talks for One and All!
Bridgette Dammann, Swan Valley School District, Second Grade Teacher/Instructional Technology Coach
414
Bland to Blend: A How-to Model for Blended Learning
Jeff Blakeslee, Plymouth-Canton Community Schools, Facilitator
412

Code-tastic!
Marnie Diem, Hillel Day School, Coordinator of Technological Adventures
140F

Don’t Lead Your District to a $300 Pencil
Matt Dascoli, Dell EMC, Education Strategist
259

Google Tips and Tricks and Fun Things to Do... Oh My!
Mary Hankins, Owosso Public Schools, Second Grade Teacher/Instructional Technology Coach
360

Immersing Students in the Underground Railroad with 360 Degree Cameras
Nancy Copeland, Eastern Michigan University, Professor, and Toni Jones, Eastern Michigan University, Professor
140D

Lesson Planning in the 21st Century: Using Technology to Enhance Student Learning
Jean Smith, Van Buren Public Schools, Instructional Coach
311A/B

RIP BookFlix: Alternatives and Strategies for Those of Us Who Miss BookFlix
Amy Hermon, Grosse Pointe Public School System, Elementary Library Media Specialist
356

DEEPER DIVE

#GoOpen Michigan – Revise, Remix, and Share Open Educational Resources
Jennifer Johnson, Marysville Public Schools, Supervisor of Instructional Technology and Assessment; Ann-Marie Mapes, Michigan Department of Education, Education Technology Consultant; Melinda Waffle, Calhoun Intermediate School District, Educational Technology Consultant; Teresa Fulk, Wayland Union Schools, Director of Instruction; Cheryl Wilson, Wayland Union Schools, Instructional Technology Teacher Consultant; and Denise Gallemore, Marysville Public Schools, Teacher
333

Designing 1:1: Transforming Culture and Instruction Using Design Thinking Principles
Amanda McCarthy, Lake Shore School District, Instructional Technology Coach/Media Coordinator, and Rachelle Wynkoop, Lake Shore Public School, Assistant Superintendent of Academic and Student Services
332

Multigenre Writing: A Perfect Partner for Passion Projects
Kristin Kochheiser, Waverly East Intermediate, 6th Grade Teacher
336

ST[+R]EAM: Adding Reading Instruction into STEAM
Stacy Schuh, Michigan Virtual, Manager-Professional Development Services, and Heidi Gascon, Ingham Intermediate School District, K-12 Literacy Consultant and Strategic Coach
334

The Secret Superpowers of Google Slides
Jessica Winstanley, Portage Public Schools, Technology Integration Specialist
335
Thursday

11:00 – 11:20 AM

LEARNING LAB

STEM Playground
Dave Woolson, Troxell, Education Account Representative
LL1 (Exhibit Hall)

Wacom Tablets Overview
Cassie and Bob Ballard, Logisoft, Marketing Coordinator and President
LL2 (Exhibit Hall)

11:00 AM – 1:00 PM

Special Event*
*SCECHs are not available for this event.
Student Technology Showcase
Atrium, first level

ADMIN FORUM (RSVP REQUIRED)

Hacking Leadership
Joe Sanfelippo, Fall Creek School District, Superintendent
310B

11:00 AM – 1:00 PM

SIG ANNUAL MEETINGS

SIGEE • 11:15 AM
District Bar & Grill, 377 W Larned St

SIGLIB • 11:00 AM • Cobo Room 115B

SIGOBL • 11:30 AM • Cobo Room 112A-B

SIGPL • 11:00 AM • Cobo Room 111B

SIGTC • 11:30 AM • Cobo Room 112C-D

11:25 – 11:45 AM

LEARNING LAB

Golden Resources and Tools for the Classroom
Tina Tribu, Instructional Technology Specialist, Kalamazoo RESA
LL1 (Exhibit Hall)

eSports in Education
Joe McAllister, CDW, Business Development Specialist
LL2 (Exhibit Hall)

11:50 AM – 12:10 PM

LEARNING LAB

How to Leverage Microsoft Windows and Modern Device Management
Jodi Gaver, Microsoft, Microsoft Technical Specialist
LL1 (Exhibit Hall)

It’s Time to Get Smart: Bringing PD to Your Smartphone
Ken Dirkin, Michigan Virtual, Director of Professional Learning, and Justin Bruno, Michigan Virtual, Professional Learning Services Manager
LL2 (Exhibit Hall)

12:15 – 12:35 PM

LEARNING LAB

Discovery Education Smack Down
Dean Shareski, Discovery Education, Community Manager, and Kelly Hines, Discovery Education, Senior Director, Partner Engagement
LL1 (Exhibit Hall)

It’s Time to Get Smart: Bringing PD to Your Smartphone
Ken Dirkin, Michigan Virtual, Director of Professional Learning, and Justin Bruno, Michigan Virtual, Professional Learning Services Manager
LL2 (Exhibit Hall)
Open the Pathway to Success for Every Student

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# Learning with Apple at MACUL 2019

Join us as we explore new ways to raise the bar for what’s possible in teaching and learning with Apple. Discover ideas from fellow educators, and use #EveryoneCanCreate on Twitter to share what inspires you.

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<thead>
<tr>
<th>Cobo Arena</th>
<th>Cobo Center, Room 140A</th>
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<tbody>
<tr>
<td><strong>What’s New from Apple</strong>&lt;br&gt;Thursday, March 21, 10:00 to 11:00 a.m.</td>
<td><strong>Cobo Center</strong></td>
</tr>
<tr>
<td><strong>Everyone Can Create—Ignite Creativity with iPad</strong>&lt;br&gt;Thursday, March 21, 1:00 to 2:00 p.m.</td>
<td><strong>Foster Creativity Through Visual Storytelling with Keynote</strong>&lt;br&gt;<strong>Thursday, March 21, 10:00 to 11:00 a.m.</strong>&lt;br&gt;Cobo Center, Room 258</td>
</tr>
<tr>
<td><strong>Teach Serious Code in a Seriously Fun Way on iPad</strong>&lt;br&gt;Thursday, March 21, 2:30 to 3:30 p.m.</td>
<td><strong>Life Is Short—Capture the Moment!</strong>&lt;br&gt;<strong>Thursday, March 21, 1:00 to 2:00 p.m.</strong>&lt;br&gt;Cobo Center, Room 258</td>
</tr>
<tr>
<td><strong>Engaging Primary Learners with iPad</strong>&lt;br&gt;Thursday, March 21, 4:00 to 5:00 p.m.</td>
<td><strong>Connect Math and Science through Creativity</strong>&lt;br&gt;<strong>Friday, March 22, 10:00 to 11:00 a.m.</strong>&lt;br&gt;Cobo Center, Room 140G</td>
</tr>
<tr>
<td><strong>Discover Schoolwork and Classroom: Powerful Tools for Teaching</strong>&lt;br&gt;Friday, March 22, 10:00 to 11:00 a.m.</td>
<td>**Connect with Apple</td>
</tr>
<tr>
<td><strong>Bring Augmented Reality to Your Classroom with iPad</strong>&lt;br&gt;Friday, March 22, 11:30 a.m. to 12:30 p.m.</td>
<td><strong>Daily 8:30 a.m. to 3:30 p.m.</strong></td>
</tr>
<tr>
<td><strong>What’s New for iPad in Education for Teachers</strong>&lt;br&gt;Friday, March 22, 1:00 to 2:00 p.m.</td>
<td>**ADE Playground</td>
</tr>
</tbody>
</table>

**Follow @AppleEDU on Twitter to stay up to date on the latest news, announcements, and inspiration from Apple Education.**
LEARNING LAB

12:40 – 1:00 PM

Transitioning Your K-12 Science Program to the New Michigan Science Standards
John Spicko, STEMScopes, STEM Champion
LL1 (Exhibit Hall)

Path to Leadership – Administrator Certificate
Tammy Jackson, Michigan Association of Secondary School Principals, Associate Director
LL2 (Exhibit Hall)

1:00 – 2:00 PM

FEATURED

Blending Technology into Outdoor Lessons
Richard Byrne, Byrne Instructional Media, LLC, President
Grand Riverview Ballroom A

Creating Future Ready Schools
Tom Murray, Future Ready Schools, Director of Innovation, and Joe Sanfelippo, Fall Creek School District, Superintendent
330B

It’s Not About Google, It’s About the LEARNING!
Kasey Bell, ShakeUpLearning.com, Founder
Grand Ballroom B

Social Media App You Probably Are Not Using but Your Students Are
Leslie Fisher, Fisher Technologies Inc., Founder
260

Use What They Know to Help Them Grow
Abbey Futrell, Edgecombe County Public Schools, Assistant Superintendent of Curriculum and Instruction
330A

ENGAGE AND CONNECT

1:00 – 2:00 PM

Game On! Designing Breakout EDU
Digital Games with Your Students
Patti Harju, Breakout Edu, Education Evangelist
251A

EXPLORE AND CREATE

“It’s Just a Game… or Is It?”
Daniel Spitzley, Northville Public Schools, Elementary Teacher
142B

Everyone Can Create – Ignite Creativity with iPad
Apple
140A

Express Your Selfie – with Keynote on Your iPad!
Karen Bosch, Southfield Christian School, PreK-8 Technology Instruction
250A

Game On!
Natalie Makulski, Clarenceville Public School, Teacher
414

Google Grading Hacks for the Digital Classroom
Shana Ramin, Berkley School District, Teacher
311A/B

Options for Coding in the Classroom
Kevin Behmer, Huron High School, Teacher
140F

OSMO Playground
Matt Karsten, Mattawan Later Elementary, 4th Grade Teacher
140D

Show Off the Learning With Google Sites
Mike Petty, LakeVille Community Schools, Instructional Technology Coordinator
353
Thursday

1:00 – 2:00 PM

Stop Motion, Green Screen, and Clips: WOW Factor Videos
Wes Molyneaux, Elkhart Community Schools, Teacher
140C

Twitter Chats: The Biggest Game Changer of Your Career
Alexandra Milton, Sturgis Schools, K-12 Technology Integration Coach
357

LISTEN AND LEARN
A Look Inside a 1:1 Elementary Classroom
Kat Bromen, Elkhart Community Schools, Instructional Coach
356

All About the News: Start or Expand Your Student News Program
Cheryl Boes, Utica Community Schools, Media Specialist, and Kathy Miskokomon, Utica Community Schools, Media Specialist
355

Bring Computational Thinking into Any Classroom Using Microsoft MakeCode and Hacking STEM
Shavonne Smith, Microsoft, Learning Consultant
250B

Bring Your Digital Learning Vision to Life!
Miguel Davis, Macro Connect, Digital Learning Manager, and Pam Shoemaker, Walled Lake Consolidated Schools, Instructional Technology Coach
321

Collecting and Visualizing Adult Practice Data
Mitch Fowler, Battle Creek Public Schools, Administrative Director of Student Data and Innovation
142C

1:00 – 2:00 PM

Creativity Cage Match: Google Slides vs. Apple Keynote
Jeremy Badiner, Gull Lake Community Schools, Instructional Technology Coach, and Andy Losik, Hamilton Community Schools, STEM Teacher
310A

Dropout Prevention with EWIMS (Early Warning Intervention and Monitoring System) and the Michigan DataHub
Don Dailey, MiDataHub, Project Manager
250C

Focusing on Distraction: What It Means to Always Be Connected
Paul Murray, Portage Public Schools, Technology Integration Specialist
140G

In Good FORM
Christine Bolen, Tawas Area Schools, Science Teacher
412

iPads In Action
Jeremie Coplin, Gull Lake Community Schools, Kindergarten Teacher
411

Littles and Chromebooks: They CAN do it!
Kailey Fink, Wyoming Public Schools, Technology Integration Specialist
251C

Michigan’s Minecraft: Education Edition
Anthony Buza, Genesee ISD; Jacob Gentry, Edupaths Consultants; and Amanda Stoel, Department Analyst, Michigan Dept. of Education
251B

Productively Productive: Getting Organized with Google (and Non-Google) Tools
Chris Malanga, Northern Buckeye Education Council, Educational Technologist
313A/B
Michigan Association of Secondary School Principals

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Ryan Goble
PTL Participant - Certified Jan. 2018

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tammy@michiganprincipals.org | 517-318-6520
facebook PathToLeadership twitter @MASSP_PTL
1:00 – 2:00 PM

Expectations vs. Reality of Online Teaching
Andrea McKay, Michigan Virtual, Administrator of Instructional Leadership, and Annette Gleason, Michigan Virtual, Math Lead Teacher
252A

Geogebra: Create, Organize, Engage
Christopher Conrad, Allegan High School, Teacher
413

Reach and Teach ALL Students
Tamilyn Nixon, Charlotte Public Schools, High School Special Education Teacher; Kimberly Watson, Pennfield Community Schools, Middle School Special Education Teacher; and Cresta Wright, Pennfield Schools, Instructional Technology Coordinator
358

PANEL
 Illuminate Education: Tackling the Challenges of Working with a MTSS
Art Godin, Illuminate Education, Lead Academic Advisor/former School Psychologist; Jaime Harris, Illuminate Education, Product Manager/former School Psychologist; Ken Weaver, Deputy Superintendent, Oxford Community Schools; and Kelly Trout, Illuminate Education, Data Systems and Analysis Specialist, Ingham ISD
360

Managing an Effective, Student-Led Makerspace
Julie Darling, Media Specialist, Eileen McCallum, 6th Grade Teacher, and Sharon Norris, 5th Grade Teacher, Creekside Intermediate School
142A

PARTICIPATE AND SHARE

Breakout EDU Smash with GSuite
Christine Danhoff, Genoa Area Local Schools, Technology Integration Specialist
312A/B

1:00 – 2:00 PM

SOS Call for Digital Integration
Dean Shareski, Discovery Education, Community Manager
252B

Student Created Smart Assistants with Raspberry Pis and Python
James Kurleto, Cranbrook Educational Community, Innovation and Technology Specialist
140E

Student Led Conferences 101
Jennifer Stull and Christy Winkle, Schoolcraft Elementary, Teachers
354
Thursday

1:00 – 2:30 PM

DEEPER DIVE

Father Engagement Through Empathy, Innovation and Empowerment
Joe Mazza, MakerDads / UPenn, Co-Founder
332

iCreate: Design Thinking Using 3D Design and Printing
Karie Huttner, Country View and Stoner Prairie Elementary, Educational Technology Coach
333

KEEP Track. KEEP Organized. KEEP Sane. It’s Time You Met Google KEEP!
Lissa Brunan, Grand Valley State University, Instructional Technology Specialist
335

Lights, Circuits, Action! ART-Tech Connections
Gianna Mrozek, Oakland Schools, Technology Integration Specialist, and JoAnne North, Novi Community Schools, Art Educator
336

1:15 – 2:00 PM

ENGAGE AND CONNECT

Build It, Make It, Know It: Creative Thinking with Minecraft and Other Tools
Adam Rummelhart, Microsoft Learning Consultant, Microsoft
141
ENGAGE AND CONNECT

What’s New in 2019 from Google in Education
Mike Patterson and Anne Nash, Google
141

FEATURED

A Digital Immersion Experience
Abbey Futrell, Edgecombe County Public Schools, Assistant Superintendent of Curriculum and Instruction
330A

Fast and Fun Formative Assessments
Richard Byrne, Byrne Instructional Media, LLC, President
Grand Riverview Ballroom A

Save Your Time, Save Your Life
Roni Habib, EQ Schools, Founder
Grand Riverview Ballroom B

Some of the Newest Apps to Augment Your Reality in the Classroom
Leslie Fisher, Fisher Technologies Inc., Founder
260

Your Greatest Show
Sarah Wood, K-12 Technology and Media Integration Specialist
330B

ENGAGE AND CONNECT

Game On! Designing Breakout EDU
Digital Games with Your Students
Patti Harju, Breakout Edu, Education Evangelist
251A

EXPLORE AND CREATE

Choose Your Own Adventure! Differentiation Using Google Forms
Andrew Haak, Holton Middle School (Holton Public Schools), Classroom Teacher / 6-12 Staff Technology Integration Coach
140G

Chromebooks Are more than Just a Web Browser!
John Sowash, Sowash Ventures, LLC, Teacher
310A

Code Club Projects
Matt Hawkins, Gull Lake Community Schools, Teacher
142B

DIY – Adapting Toys for Children with Disabilities and Devices that Work
Katie Butzu, Bay-Arenac ISD, Occupational Therapist, and Mark Lyons, Bay-Arenac ISD, Curriculum Coach and REMC 6 Director
140D

Learn Through “Osmo-sis”
Marnie Diem, Hillel Day School, Coordinator of Technological Adventures
140F

Life Is Short – Capture the Moment!
Apple Distinguished Educators
258

Google for Education Making the Geography Connection
Melinda Waffle, Calhoun Intermediate School District, Educational Technology Consultant
360

Teach Serious Code in a Seriously Fun Way on iPad Apple
140A
Thursday

2:30 – 3:30 PM

Using Design Thinking for Real-World Learning
Sean McCarroll, Grosse Pointe Public Schools, Teacher, Department Chair 6-12 for Bus., Ind. Tech, Tech, and Inderdept Study
140B

LISTEN AND LEARN

20 in 50: Twenty Ways AI is Built into Office 365 to Revolutionize Your Productivity
Adam Rummelhart, Microsoft, Microsoft Learning Consultant
250B

Are You Accessible?
Lisa Miller, Gull Lake Community Schools, Library Media Specialist
313A/B

Conferencing, Critique, and Feedback – Creating a Classroom Culture of Learning
Megan Nix, Renaissance Public School Academy, Teacher
354

Co-Teaching Flexible Mathematics
Keegan Ferris, Grand Haven Area Public Schools, Math Teacher, and Adrianne Rose, Grand Haven Area Public Schools, Special Education Teacher
413

Create a MACUL for Your Students!
Matt Karsten, Mattawan Later Elementary, 4th Grade Teacher, and Jason Osborn, Mattawan Consolidated School
358

Design Ed: 10 Tools and Strategies for Creative Thinkers
Angela Elkordy, National Louis University, Chair, Learning Sciences and Director, Learning Technologies
412

Differentiated Chaos
William Renner, Hastings Middle School, 6th & 8th Grade Teacher
251C

Getting Granular: Powering Personalized Learning with Canvas
Brian Bennett, Elkhart Community Schools, Instructional Coach
142C

MakerClass: What We Learned in Our First Year
Kyle Maginity, Boyne City Public Schools, Technology Integration Coach
140E

Makey Makey and Scratch Had a Baby Named Arcade Day!
Debbie Groke, Bay City Public Schools, Middle School Technology Teacher
140C

Making Data Driven Instruction a Reality
Jeff Tompkins, Curriculum Associates, Education Sales Consultant, and Mark Hess, Executive Director of Instruction, Technology and Assessment, Walled Lake Consolidated Schools
259

MiRead – Michigan’s Literacy Portal and IRIP Tool, Going Statewide Summer 2019
Tom Johnson, MiDataHub, Actionable Data Manager, and Dave Cairy, Michigan Collaboration Hub (MiCH)/MAISA, Director
250C

Online Research for Elementary School Students
Mary Hendricks, Huron Valley Catholic School, Media/Technology Teacher
357
Success for All: Best Practices in Providing Assistive Technology to Address Individual Student Need
Sue Hardin, Macomb ISD, Assistive Technology Consultant, and Jeff Crockett, Northville Public Schools, Assistive Technology Coordinator

310B

Technology Across the Curriculum
Barbara Richardson, Au Gres-Sims School District, Teacher

331

Video Cameras in the Swimming Pool? Using Collaboration Stations to Engage Students in Analysis
Kara Clayton, Thurston High School, Technology Integration Coach, and Colleen Donakowski, Thurston High School, Physical Education Educator

355

PANEL
Empowering Educators and Students: PUL Style
Tammy Maginity, Pennfield Schools, Director of Technology; Cresta Wright, Pennfield Schools, Instructional Technology Coordinator; Kim Watson, Pennfield Schools, Middle School Teacher; and Michelle Herzing, Pennfield Schools, Principal

142A

PARTICIPATE AND SHARE
10 Innovative Tech Tools You Can Bring into Your Classroom Tomorrow
Jeff Gerlach, Michigan Virtual, Senior Professional Learning Specialist

252A
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<td>2:30 – 3:30 PM</td>
<td>Amping Up Your PD...Adding Voice, Choice, and Curiosity to Excite and Engage Teachers</td>
<td>Amy Huyck, Wayland Union Schools, Media and Technology Consultant, and Cheryl Wilson, Wayland Union Schools, Instructional Technology Teacher Consultant</td>
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<td>Blending Writing and Picture Books in Middle School</td>
<td>Therese Hubbell, Renaissance Public School Academy, Teacher</td>
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<td></td>
<td>Gamestorming TPACK: What We Mean When We Talk About Technology Integration</td>
<td>Stefanie Cairns and Rachelle Galang, Oakland Schools, Technology Integration Specialists</td>
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<td>K-12 Computer Science Standards Adoption and Implementation</td>
<td>Ann-Marie Mapes, Michigan Department of Education, Education Technology Consultant, and Michelle Ribant, Michigan Department of Education, Assistant Director, Office of P20 Data and Information Management MDE</td>
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<td>SLIDE over PowerPoint: The Power of Collaboration Is Here to Stay</td>
<td>Carrie DeShone and Dawn Shea, Freeland Community Schools, Teachers</td>
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<td>STEM for All</td>
<td>Kelly Hines, Discovery Education, Senior Director, Partner Engagement</td>
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<td>Technology with Early Childhood...WE GOT THIS!</td>
<td>Michelle Braat, Portage Central Elementary, Young Fives Teacher</td>
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<td>3:00 – 4:30 PM</td>
<td>DEEPER DIVE</td>
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<td>Dive into Design Thinking</td>
<td>Keith Tramper, Kent ISD, EdTech Consultant</td>
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<td>Putting the Focus on Doing</td>
<td>Maria Andrade Johnson and Michael Pascual, Santa Margarita Catholic High School, Teacher Leaders</td>
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<td>Taking Teacher Leadership to the Next Level</td>
<td>Melody Arabo, U.S. Department of Education, Teacher Ambassador Fellow</td>
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<td>Twitter and the #GrowthMindSet</td>
<td>Jerry Johnson, Muskegon Public Schools, Director of Instruction Technology</td>
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<td>Wait, I Can Use Traditional Teaching in PBL?!?!</td>
<td>Mike Kaechele, Kaechele Consulting, Teacher Consultant</td>
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<td>Yes! Personalized Learning Is Possible</td>
<td>Tiffany Ott, Western Reserve Academy, High School Math Teacher</td>
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<td>3:30 – 4:15 PM</td>
<td>TECH Toolbox for Administrators: Work Like A Boss!</td>
<td>Ryan Cayce, MASSP, Director of Digital Learning and Resources</td>
</tr>
<tr>
<td>3:30 – 4:15 PM</td>
<td>ENGAGE AND CONNECT</td>
<td>Azure with Customer Case Study</td>
</tr>
</tbody>
</table>
## Thursday

### 4:00 – 5:00 PM

#### FEATURED

**Digital Differentiation with G Suite**  
Kasey Bell, ShakeUpLearning.com, Founder  
Grand Ballroom B

**Much Better Staff and Team Meetings**  
Rushton Hurley, NextVista.org, Founder  
330A

**The Power of Play and Connection!**  
Roni Habib, EQ Schools, Founder  
Grand Riverview Ballroom A

**Thinking Inside the Box with Breakout EDU**  
Adam Bellow, Breakout EDU, Co-Founder  
310A

**Video Capturing and Editing on Your Mobile Device**  
Leslie Fisher, Fisher Technologies Inc., Founder  
260

**You CAN Do It! Visual Notetaking with Sketchnotes**  
Sarah Wood, K-12 Technology and Media Integration Specialist  
330B

#### ENGAGE AND CONNECT

**Integrating Video into Our Schools and Classrooms**  
Bob Ballard and Cassie Ballard, Logisoft  
259

**Breakout EDU – It’s Time for Something Different**  
Patti Harju, Breakout Edu, Education Evangelist  
251A

**Unlocking Engagement with Blended Learning in the K-12 Classroom**  
Lora Currie, Bedford Public Schools, Teacher  
251C

#### EXPLORE AND CREATE

**Ask Not What You Can Do for Your Sheet, but What Your Sheet Can Do for You! – Maximizing Sheets**  
Daniel Mares, Coloma Community Schools, Instructional Technology Coach  
411

**Authentic Assessment in the Arts**  
Deborah Skergan, Fenton Area Public Schools, Educator  
412

**Cricut Creations for the Classroom**  
Jane Garver and Sara Muladore, Charlevoix Public Schools, Teachers  
140C

**Engaging Primary Learners with iPad**  
Apple  
140A

**How to Implement the Hour of Code**  
Kevin Behmer, Huron High School, Teacher  
312A/B

**Making Meaning Through Making: Digging Deeper**  
Bill Van Loo, A2 STEAM (Ann Arbor Public Schools), Technology and Engineering Teacher, and Sarah Van Loo, Pittsfield / Allen Elementaries (Ann Arbor Public Schools), STEAM/PLTW Teacher  
140E

**Thinking Out Loud with Video Voice Tools**  
Maria Andrade Johnson and Michael Pascual, Santa Margarita Catholic High School, Teacher Leaders  
355
LISTEN AND LEARN

“Core” Extensions, Apps and Add Ons – The Must Haves!
Tammy Maginity, Pennfield Schools, Director of Technology
360

Addressing Elementary Engineering in the Technology Age
Amy Kuntz and Ashley Nicol, Caro Community Schools, Teachers
140F

Curbing an American Chromebook Crisis
Andy Losik, Hamilton Community Schools, STEM Teacher
310B

From METS to MITECS and Beyond: District Wide Integration and Implementation Strategies
Kailey Fink, Wyoming Public Schools, Technology Integration Specialist, and Allison Thompson, St. Gerard Catholic School, Technology Director
142C

I’ve Seen the Tech Now Get Me a Check! Learn to Write a Grant During Your Prep
David Beyers, Wolverine Community Schools, Teacher
356

IGNITE YOUR ISTE’S!!
Courtney Conley and Jacki Zawierucha, Utica Community Schools, Media Specialists
331
Thursday

4:00 – 5:00 PM

Michigan’s Integrated Continuous Improvement Planning Tool (MiCIP) – The Future of School Improvement in Michigan
Dave Cairy, Michigan Collaboration Hub (MiCH)/MAISA, Director
250C

No More Red Pens: Efficient Writing Assessment in G Suite
Karen Chichester, Jefferson Schools, Teacher/Google for Education Trainer
313A/B

Opening Doors: Fostering Parent-Teacher Communication in a Digital World
Jessica Winstanley, Portage Public Schools, Technology Integration Specialist
354

PBL + Math = Success!
Jennifer Stull, Schoolcraft Elementary, Teacher
413

Personalized Learning/Competency Based
Gregg Dionne, Michigan Dept. of Education, Supervisor, and Jeff Mc Neal, Michigan Dept. of Education
251B

Technology Game Changers: 10 Ways to Use GAFE Apps, Add-ons and Extensions in Your Classroom
Kelly Tillman, Walled Lake Schools, Art Educator
320

Won’t You Be My Neighbor? Skype, Microsoft Teams, and Office Online Build Communities Around the World
Shavonne Smith, Microsoft, Microsoft Learning Consultant
250B

4:00 – 5:00 PM

PANEL

The Digital Leader: The 5 Things You Should Know
Ryan Cayce, MASSP, Director of Digital Learning and Resources, and Jennifer Parker, Macomb Intermediate School District, Instructional Tech/School Data and Improvement
142A

PARTICIPATE AND SHARE

Blended Learning Tips and Tricks to Support Students and Reduce Your Workload
Ellen Weaver Brooks, Ann Arbor Public Schools, Educator and Blended Learning Facilitator
311A/B

Engage ~ Empower ~ Equip
Shannon Descamps, Fraser Public Schools, 4th Grade Teacher, and Amy Laidlaw, Fraser Public Schools, 2nd Grade Teacher
140B

Flexible and Successful Blending in Lower El
Lisa Koop and Lisa Trott, Lake Center Elementary, First Grade Teachers
250A

From Texting to Teaching: Grammar Instruction in a Digital Age
Jeremy Hyler, Fulton Middle School/Routledge Author, 6th & 7th Grade
142B

Getting Googly with Discovery Education
Jeremy Badiner, Gull Lake Community Schools, Instructional Technology Coach
252B

Let’s Engineer a Story with Your Students!
Michael Miller, Otsego Public Schools, Tech Teacher
258
A Tale of Two Teachers

Dear Educator,

This story concerns two teachers who lived in the same Mid-Michigan neighborhood. Their husbands were friends and often went fishing together. One woman taught 7th grade math and the other taught 8th grade biology at a middle school in a neighboring district.

Although they both had a passion for teaching, they often met for morning walks and couldn’t help but vent about their frustrations in the classroom. They shared similar stories about students who always seemed distracted, uninterested, and got less than desired test scores. They brainstormed to find ways to engage their students, but were often discouraged by the lack of results. Over the years they both felt their passion for teaching dwindle, but took comfort in knowing they weren’t alone in their frustrations.

One day, the biology teacher noticed an ad for interactive classroom technology. She was intrigued to say the least. She had been searching for new and exciting ways to engage her students, and the idea of using interactive displays was very exciting for her.

The next day she and her school’s principal scheduled a consultation to learn more about bringing interactive technology into their classrooms and the benefits of working with a REMC SAVE awarded vendor.

Data Image + REMC SAVE = YOU $AVE

Just a few days later, her classroom was equipped with a brand new, professionally installed, interactive display. She incorporated this new technology into her lesson plans and watched as her students lit up with excitement. They collaborated easily using the new technology, and she was able to be more flexible and creative with her teaching methods.

Day after day, as she watched her students’ passion for learning grow stronger, she felt her own passion for teaching return as well. Week after week, her students developed a deeper interest in biology, they started asking intriguing questions, and were retaining information, evident by their improving test scores.

The principal was also pleased that the purchasing process was so easy. He was able to buy without bidding from Data Image and simply submitted a school purchase order to facilitate the purchase.

The math teacher, on the other hand, was puzzled when her friend grew more optimistic and less frustrated during their “venting” sessions. Her friend now raved about her students’ improving test scores in biology.

And soon, the two teachers met less and less often as they no longer shared a common frustration to fuel their conversations.

It came to her as a shock when the biology teacher was recognized by the school district for her students’ outstanding achievements. She was full of congratulations and well wishes, but could not quite conceal her envy. It seemed a little unfair that good luck should come to one of them and not to both. Why was it that life could not treat them more equally in the ability to foster the success of their students?

The biology teacher who inquired about interactive classroom technology was recognized year after year for her students’ achievements in the classroom. She is now the principal of the largest high school in her district and regularly receives letters from her former students. They often thank her for putting them on a path to success. Her friend, the math teacher, still teaches the same class and still struggles to keep her students engaged. She will probably never know that the thing which came between them, and caused their paths to separate, was that first encounter with interactive classroom technology.

A Michigan A/V Company Unlike Any Other

Put Data Image to the test by scheduling a free A/V design consultation when you visit our Booth #401 here at MACUL. When you schedule your consultation, you’ll also be entered to WIN a free Document Camera.

If you feel as we do that a free design consultation and a chance to win a free document camera is a fair and reasonable proposition, then you will want to schedule a consultation as soon as possible. No strings attached...

So please visit booth #401 to find out how Data Image (a Michigan company) can help with all your audio/visual classroom technology and provide you the opportunity to buy without bidding through REMC SAVE.

TEXT the word “WIN” to 248.985.7100 and we’ll reply with more information and enter you to win a Document Camera!

An Investment In Success

I cannot promise you that your student body will realize guaranteed success if you implement the educational technology available from Data Image. But I can guarantee that you will find Data Image to be a valuable resource for REMC SAVE savings on classroom A/V technology, always there for you when you need us, and always helpful.

https://dataimage.com

A Michigan Based REMC SAVE Awarded Vendor
Thursday

4:00 – 5:00 PM

**MakerSpaces – Not Just a Room in Your Building**
Paul Shircliff, paulshircliff.org, Maker Educator
140D

**Suspending School Suspensions: Improving What School Discipline Looks Like**
Marvin Taylor, Athens Area Schools, Principal
353

**You Get Three Wishes from the PD Genie:**

**What Are They?**
Justin Bruno, Michigan Virtual, Professional Learning Services Mgr, and Cassie Harris, Michigan Virtual, Professional Learning Community Coordinator
252A

5:00 – 7:00 PM

**ANNUAL MEETINGS**

**SIGCS** • 5:00 PM • Cobo 112A-B

**SIGCREATE** • 5:30 PM
Grand Trunk Pub, 612 Woodward Ave

**SIGINC** • 6:00 PM
Vicente’s Cuban Cuisine, 1250 Library St

**Special Events**

5:15 – 6:15 PM
MACUL Annual Meeting
140B

7:00 – 10:00 PM
MACUL Reception
Punch Bowl Social
1331 Broadway, Detroit

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**Say! My friend, a question small,**
**Will I see you at MACUL?**

**Stop by our booth, and please say hi!**
**For free coffee and perhaps a prize!**

**And if you find you have a yearning**
**To discover the world of online learning**

**Well, I don’t want to presume,**
**But stop by our presentation room!**

---

VIEW THE FULL POEM AND ALL OF OUR SESSIONS AT MICHIGANVIRTUAL.ORG/MACUL
Customizable and comprehensive set of digital learning resources to support the whole learner (for grades 3-12)

- Well-Rounded Curriculum
- College & Career Readiness
- Social and Emotional Learning
- Competency Learning
- Blended Learning
- Credit Recovery

Odysseyware
odysseyware.com | 877.795.8904
FEATURED

Flea Market Flipping with Technology
Abbey Futrell, Edgecombe County Public Schools, Assistant Superintendent of Curriculum and Instruction
330A

Gadgets
Leslie Fisher, Fisher Technologies Inc., Founder
260

Getting Creative with Chromebooks
Rushton Hurley, NextVista.org, Founder
310A

Relationships Above All
Roni Habib, EQ Schools, Founder
330B

Stranger Google! Crazy Tools from the Upside Down
Kasey Bell, ShakeUpLearning.com, Founder
Grand Ballroom B

Worlds Are Colliding! AR, VR, and Mixed Reality in Education
Richard Byrne, Byrne Instructional Media, LLC, President
Grand Riverview Ballroom

POSTER PRESENTATIONS

Educators will showcase their programs and ideas using a visual display board and one-on-one, face-to-face interactions with participants. See page 19 for a list of posters and presenters.
Atrium, Level 1

LEARNING LAB

Using a Robot in Computer Science
Kelly Reddin, LEGO Education, Global Master Trainer and Solutions Engineer
LL1 (Exhibit Hall)
EXPLORE AND CREATE

5 Days that Changed My Life: Integrating Computation into Science Across the Mitten
Don Pata, Groose Pointe North High School, Teacher
310B

Connect Math and Science Through Creativity
Apple Distinguished Educators
140G

Cooking up a Computer Science Curriculum with the 3Cs & 2Ps
Cory Widener, Utica Community Schools and Code.org, Media Center Teacher and Code.org Facilitator, and Jacki Zawierucha, Utica Community Schools, Media Specialist
140B

Discover Schoolwork and Classroom: Powerful Tools for Teaching
Apple
140A

Game On! Gamification with OneNote
Brittany Thoma, Erie 1 BOCES, Tech Integration and Professional Development
359

I Think I Khan: Become an Agent for Personalized Learning
Stephanie Butman, FlexTech Education, Education Consultant, Teacher, and Kristen Moore, FlexTech Education, Education Consultant, Teacher, Math Department Chair
413A/B

Rooaaaaadd Trippin’: A Cross-Curricular Adventure for the Ages
Teresa Gonzalez-Woods, 4th/5th Grade Multiage Classroom Teacher
313A/B

LISTEN AND LEARN

Actively Engage Students in Data Literacy Using Real-World Datasets with TUVA
Michelle Cozza, Accelerate Learning, STEM Regional Manager
258

Actively Learn: Making Learning Visible to Enhance Project-Based Learning
Matt Hamilton, Saline High School, Teacher
412A/B

Authentic Audiences: What Happens in the Classroom SHOULDN’T Stay in the Classroom
Grayson McKinney, Troy School District, 5th Grade Teacher, and Zach Rondot, Troy School District, 4th Grade Teacher
311A/B

Bring Computational Thinking into Any Classroom Using Microsoft MakeCode and Hacking STEM
Adam Rummelhart, Microsoft, Microsoft Learning Consultant
250B

Cultivate Curiosity and Inquiry with PBL in a Connected Classroom
Daniel Mares, Coloma Community Schools, Instructional Technology Coach
411A/B

From Trinkets to Tools: 3D Printing with Accessibility in Mind
Andrew Hudson, Corunna Public Schools, Technology Teacher, and Justin Knull, Shiawassee RESD, Instructional Technology Specialist
140E
Friday

10:00 – 11:00 AM

Full STEAM Ahead with Modular Curriculum
Renee Jorae, St. Johns Middle School, Teacher, and
Adel DiOrio, St. Johns Middle School, Principal
358

Google Classroom for Our Youngest Learners
Gina Paesani-Smith, Birmingham Public School,
Teacher
140F

Google Slides Pro Tips
David Warren, Calvary Baptist Academy, Principal
354

How to Implement the Early Literacy Coaching Modules into Next Year’s PD
Anthony Buza, Genesee ISD, Edupaths, Consultant;
Sean LaRosa, Assistant Supt. for Early Literacy; and
Susan Townsend, MAISA, Early Literacy Professional Learning Grant Project Director
250C

10:00 – 11:00 AM

Infusing Creativity into Your Classroom
Kelly Tillman, Walled Lake Schools, Art Educator
337

Is 3D for Me?
Mary Howard, Grand Island Central Schools,
Teacher
415A/B

MiTECS in Action
Ann-Marie Mapes, Michigan Department of Education, Education Technology Consultant
251B

Office Apps to Fill the Gaps – Going Mobile with Office 365 on iPhone & iPad
Craig McBain, Chippewa Valley Schools, Director of Technology
355

100% of students improved in skills, no matter starting point*
49% class average skills improvement*
86% highest individual student improvement*

With engaged learning principles, educators are empowered to help their students thrive and transition through concepts faster, easier, and more effectively.

*outcomes of actual classroom case study

Download the case study at codelicious.com/100
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td><strong>Oh No! My Certification Is About to Expire!</strong></td>
<td>Sharon Deighton, Detroit Country Day Junior School, Dean of Students</td>
</tr>
<tr>
<td>10:15</td>
<td><strong>Skills Before the Thrills</strong></td>
<td>Joe Jahnigen, Hamilton County ESC, Technology Integration Consultant</td>
</tr>
<tr>
<td>10:30</td>
<td><strong>Tips &amp; Tricks to Get ELEMENTARY Students Collaborating in Google Drive™</strong></td>
<td>Julie Smith, The Techie Teacher, Instructional Technology Consultant</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>Unlocking Personalized Learning for Students</strong></td>
<td>Lisa Rohde, Michigan Virtual, Coordinator of Special Populations, and Lauren Graham, Michigan Virtual, Social Studies iEducator</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>Utilizing the Maker Movement in the Classroom</strong></td>
<td>Lewis Robinson, Onaway Area Community Schools, Teacher</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>Your Rx for Spreading #FlipgridFever</strong></td>
<td>Jeremy Badiner, Gull Lake Community Schools, Instructional Technology Coach</td>
</tr>
<tr>
<td>10:00</td>
<td><strong>Accessibility for All Learners</strong></td>
<td>Christina Carbonec, Grand Rapids Public Schools, 4th Grade Teacher</td>
</tr>
<tr>
<td>10:15</td>
<td><strong>G Suite + UDL = Learning for All</strong></td>
<td>Karen Chichester, Jefferson Schools, Teacher/Google for Education Trainer</td>
</tr>
<tr>
<td>10:30</td>
<td><strong>Gamify Your Content with Goosechase</strong></td>
<td>Eric Bentley, Perry Public Schools, K-4 STEAM Lab Teacher</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>Going Global with Google Hangouts</strong></td>
<td>Sara Mastie, Clarkston Community Schools, Instructional Technologist</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>Rockin and Rollin with Free Tools from Discovery Education</strong></td>
<td>Kelly Hines, Discovery Education, Senior Director, Partner Engagement</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>Tech Up ELA</strong></td>
<td>Barbara Richardson, Au Gres-Sims School District, Teacher</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>PANEL</strong></td>
<td>Nicholas Provenzano, Makerspace Director, and Jennifer Bond, Walled Lake Consolidated Schools, Third Grade Teacher and Technology Leader</td>
</tr>
</tbody>
</table>
**Friday**

### 10:00 – 11:30 AM

#### DEEPER DIVE

**A Thousand Little Ways: Incorporating Video into Instruction**
Rosalyn Washington, Atlanta Public Schools, Digital Learning Specialist - Literacy
335

**Classroom Logos, Create Yours: Branding Your Classroom**
Paul Murray, Portage Public Schools, Technology Integration Specialist
333

**Creating Activist Learners with Multimodal-Project-Based-Learning**
Sandra Podolan, Pennfield Schools, English Teacher, and Amanda Zima, Harper Creek Schools, English Teacher
332

**Hands-on “Internet of Things” for Beginners**
Keith Kelly, Northwestern Michigan College, Program Coordinator Robotics and Automation
336

**Play, Flip, and Engage with Desmos**
Kaycee Dammann, Midland Public Schools, Teacher
334

### 11:00 – 11:45 AM

#### ENGAGE AND CONNECT

**Video Game: The New High School Sport**
Curtiss Streitelmeier, CDW-G, K-12 Business Development Strategist
141

### 11:30 AM – 12:30 PM

#### FEATURED

**Ask Microsoft Anything: Discussion Panel**
Craig McBain, Chippewa Valley Schools, Director of Technology; Jodi Gaver, Microsoft, Microsoft Technical Specialist; Shavonne Smith, Microsoft, Microsoft Learning Consultant; and Todd Beard, Microsoft, MIE Leader
330A

**Dynamic Learning with G Suite**
Kasey Bell, ShakeUpLearning.com, Founder
Grand Riverview Ballroom B

**Surprisingly Awesome: Tools, Tips and Strategies for Making the Ordinary Extraordinary**
Dean Shareski, Discovery Education, Community Manager
Grand Riverview Ballroom A

#### ENGAGE AND CONNECT

**Game On! Designing Breakout EDU**
Digital Games with Your Students
Patti Harju, Breakout Edu, Education Evangelist
251A

**Google Team Session**
Google Team
360

#### EXPLORE AND CREATE

**Bring Augmented Reality to Your Classroom with iPad**
Apple
140A

**Choose Your Own Adventure with Google!**
Kristie Hughes, Northern Buckeye Education Council, Educational Technologist
142C
11:30 AM – 12:30 PM

Classkick for Early Literacy
Johanna Dreyer, Freeland Community School District, Teacher, and Stacy Hodges-Darrow, Freeland Community School District, Interventionist Teacher
142B

Crack the Code – While They’re Young!
Cindy Kohl, Schoolcraft Community Schools, STEAM Teacher, and Jennifer Stull, Schoolcraft Elementary, Teacher
140F

Create Digital BreakoutEDU-esque Challenges Easily with Google Forms
Alexandra Milton, Sturgis Schools, K-12 Technology Integration Coach
140G

11:30 AM – 12:30 PM

Epic Interactive Comics Using G Suite Apps
Mike Petty, LakeVille Community Schools, Instructional Technology Coordinator
353

Experience Virtual Reality First-Hand with MAISA’s Virtual Reality Training Initiative!
Dave Cairy, MAISA, Director, and Jim Curran, Great Lakes Reality Labs, Owner
250C

Gain Back Time with Google
Melinda Waffle, Calhoun Intermediate School District, Educational Technology Consultant
321

Hands-on Python Programming for Beginners
Keith Kelly, Northwestern Michigan College, Program Coordinator Robotics and Automation
336
Friday

11:30 AM – 12:30 PM

Khan You Raise NWEA Scores for FREE?
Jennifer Gwilt, Pontiac School District, Math and Computer Science Teacher, and Jillian Sisko, Pontiac School District, Teacher
413A/B

Making MAKERSPACE Work in the Elementary School
Mallory Onderlinde, Portage Central Elementary School, 2nd Grade Teacher, and Carolyn Fitzmaurice, Portage Central Elementary Schools, 1st Grade Teacher
251C

UDL Dynamic Duo for Literacy and Math (EquatIO and Read&Write)
Marc Callahan, TextHelp
258

LISTEN AND LEARN

Bored Students? This Will Explain Everything!
Tim Madden, Wacousta Elementary School, 6th Grade Teacher/Tech Coordinator, and Lori Smith, Wacousta Elementary, 1st Grade Teacher
311A/B

BrainPOP: Quizzes, Movies, and Projects OH MY!
Shannon Descamps, Fraser Public Schools, 4th Grade Teacher, and Mae Orr, Portage Public Schools, 5th Grade Teacher
414A/B

Coaching Barefoot
Rebecca Young, Bangor Township Schools, Director of Instructional Services
312A/B

Come and Laugh 2.0
Marvin Taylor, Athens Area Schools, Principal/ Curriculum Director, and Sarah Taylor, Dunlap Elementary School (Pennfield Schools), Assistant Principal
250A

11:30 AM – 12:30 PM

Digital Tools to Support Reading and Writing
Nicholas Provenzano, Makerspace Director
310B

Formative Assessment Showdown
Kristin Terrigno, Jenison Public Schools, High School Math Teacher
335

Future Ready Libraries: Building Instructional Partnerships
Cindy Carson, West Bloomfield Schools: Scotch & Sheiko Elementary, Information and Technology Specialist, and Jennifer Ladd, West Bloomfield Schools: Scotch Elementary School, Fourth Grade Teacher
358

Individualized and Hands-On Learning With a Classroom Makerspace
Mary Chamberlin, Bean Elementary School, Special Education Teacher
140B

Integrated PBL
Eric Robinson, Chelsea School District, 2nd Grade Teacher
313A/B

Learn Without Limits
Dirk Holsopple, Cisco Systems, Collaboration Specialist
259

Make Learning Accessible with Google Tools for Every Student, Educator, and Classroom
Anne Nash and Mike Patterson, Regional Education Program Managers, Google
360

Making a Makerspace
John Mansel-Pleydell, Northern Buckeye Education Council, Supervisor of Instructional Services
140D
Friday

11:30 AM – 12:30 PM

MiSTEM Network
Megan Schrauben, DTMB and MDE, Executive Director, and Kathy Surd, West Central STEM Region 9, Director
251B

One Notebook to Rule Them All: How OneNote Class Notebook Changes the Scope of Learning Around the World
Shavonne Smith, Microsoft, Microsoft Learning Consultant
250B

Our Students Are Creators – The Upside of Treating Them Like It
Andrew Shauver, Ingham Intermediate School District, Instruction and Technology Coach
140E

Social-Emotional Learning Enters the Digital World
Ken Dirkin, Michigan Virtual, Director of Professional Learning, and Justin Bruno, Michigan Virtual, Professional Learning Services Manager
252A

Solar at STEAM Project
Jean Wilson, A2 STEAM at Northside, Teacher
140C

The C Word: Change
Julie Alspach, Oakland Schools, Program Administrator
354

Unlock the Superpowers of Google Slides
Jeremy Badiner, Gull Lake Community Schools, Instructional Technology Coach
320

PARTICIPATE AND SHARE

Enhancing Student Learning Through Online Collaboration in PBL
Ray Francis, Central Michigan University, Professor
412A/B

11:30 AM – 12:30 PM

Reading Resource Roundup
Angela Breneman, Homer Community Schools, Special Education Teacher
337

STEM for All
Kelly Hines, Discovery Education, Senior Director, Partner Engagement
252B

Unlocking Learning
Sara Mastie, Clarkston Community Schools, Instructional Technologist
411A/B

Walk and Talk – Experience the Creative Energy of a Walking Meeting
Kit Hard, Port Huron Schools, Supervisor of Instructional Technology, and Rachelle Wynkoop, Lake Shore Public School, Assistant Superintendent of Academic and Student Services
359

PANEL

Real or Fake? Teaching Students to Critically Evaluate Information
Kathy Lester, East Middle School / Plymouth Canton Community Schools, Library Media Specialist, and Karren Reish, Library of Michigan, Library Grants Coordinator
142A

12:00 – 1:30 PM

DEEPER DIVE

Build It and They Will Come (and Learn)
Karen Chichester, Jefferson Schools, Teacher/Google for Education Trainer
332

Drone-Megeddon
Jason Raddatz, Marshall Public Schools, Science Teacher
331
Teaching and Improving Literacy Using the 21st Century Information Graphics
Mark Behnke, Hamilton Community Schools, Teacher
333

1:00 – 2:00 PM
FEATURED
5 Video Projects for Every Classroom
Richard Byrne, Byrne Instructional Media, LLC, President
Grand Riverview Ballroom A

Interactive Learning Menus and Choice Boards
Kasey Bell, ShakeUpLearning.com, Founder
Grand Riverview Ballroom B

Tools You Can Use Tomorrow
Leslie Fisher, Fisher Technologies Inc., Founder
260

ENGAGE AND CONNECT
Game On! Designing Breakout EDU
Patti Harju, Breakout Edu, Education Evangelist
251A

EXPLORE AND CREATE
Experience Virtual Reality First-hand with MAISA’s Virtual Reality Training Initiative!
Dave Cairy, Michigan Collaboration Hub (MiCH)/MAISA, Director, and Jim Curran, Great Lakes Reality Labs, Owner
250C

Extraordinary Engagement with Extraordinaires
Sammy Niehaus, East Jackson Elementary, 4th Grade Teacher
358
LISTEN AND LEARN

100 Ways to Use Discovery Education
Dean Shareski, Discovery Education, Community Manager
252B

7 Steps to Make Learning More Accessible
Adam Rummelhart, Microsoft, Microsoft Learning Consultant
250B

Authentic Literacy Projects
Amiee Snyder, Jonesville Community Schools, 3rd Grade Teacher, and Christopher Walker, Jackson ISD, Educational Technology Consultant
311A/B

Can You Talk Better than You Can Type? PODCAST!
John VanDusen, PreK-5 STEM Teacher
415

Connect, Engage, Inspire
Todd Bloch, Warren Woods Middle School, 7th grade Science Teacher
357

Digital Badging and Microcredentialing Platforms
Gregg Dionne, Michigan Dept. of Education, Supervisor, and Jeff McNeal, Michigan Dept. of Education
251B

Get Your Google On!
Marnie Diem, Hillel Day School, Coordinator of Technological Adventures
140G

How the G Suite for Education Can Help You Personalize Your Classroom
Emily Sicilia, Michigan Virtual, Senior Professional Learning Specialist
252A

1:00 – 2:00 PM

Igniting Curiosity and Creativity in Project Based Learning
Myla Lee, Novi Community Schools, Instructional Coach and PBL Specialist; Sherry Griesinger, Novi Community School District, Educator/Teacher; Nathan Hatt, Ann Arbor Steam School, Project Based Learning Coordinator; and Katie Huang, Saline Public Schools, Elementary Educator
140B

Instagram: Secret Tool for Rapid Individualization
Joe Jahnigen, Hamilton County ESC, Technology Integration Consultant
312A/B

Let’s Get Digital: The 10 Best Data and Assessment Tools
Kristi Martin, Macomb ISD, Director of Management Tech, and Jennifer Parker, Macomb Intermediate School District, Instructional Tech/School Data and Improvement
142C

Let’s Make an Impact
Kelly Tillman, Walled Lake Schools, Art Educator
337

Podcasting for PD: Learn How to Better Your Practice, Your People, and Share Your Voice
Nate Moore, Grand Ledge Public Schools, Technology Coordinator
335

Seesaw – A Deeper Dive
Eric Robinson, Chelsea School District, 2nd Grade Teacher
313A/B

The Power of Using Videos: Differentiating and Providing Students a Voice
Angela Breneman, Homer Community Schools, Special Education Teacher, and Heather Gauck, Grand Rapids Public Schools, Special Education Teacher
321
Friday

1:00 – 2:00 PM

Through the 21 Things...and Beyond!
Kathy Campau, Richmond Community Schools, Teacher
251C

Using Edupaths: From Learning to Implementing
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Chris Woods, Public Schools of Calumet, Math Teacher
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Jessica Binko, Mt. Morris Consolidated Schools, Teacher
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Erik Cliff, CBD Consulting, Professional Learning Coach, and Amanda McCarthy, Lake Shore School District, Instructional Technology Coach/Media Coordinator
142A

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The Importance of Personal Climate and Culture
Gerry Brooks, Principal and YouTube Sensation
Grand Riverview Ballroom
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