



VIRTUAL

WEST VIRGINIA
STATEWIDE
TECHNOLOGY
CONFERENCE

THE LATEST TRENDS IN TECH
NETWORK WITH YOUR PEERS
SHARE YOUR EXPERIENCE

July 12-14
2021



↓ WELCOME

Welcome to the 2021 West Virginia Statewide Technology Conference! We are very pleased that you could join us for this virtual event.

The conference will begin on Monday morning, with a wide selection of round table and panel sessions to choose from. We will have a lunch break from 12-1pm, and at 1pm, we will hear from our opening keynote speaker, Dr. Alec Couros, after a short introduction from WVNET Director, Dr. Carl Powell. Monday afternoon, we will continue with a variety of sessions to choose from.

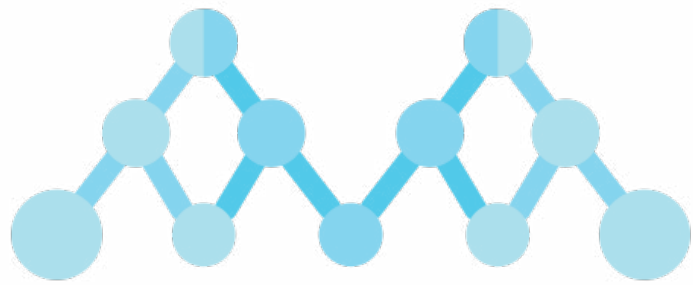
Tuesday's agenda will consist of sessions from 9am until 12pm, with poster sessions from 11-12. We will break for lunch at noon and resume with sessions scheduled from 1-4pm.

Wednesday's sessions will begin at 9am, with the closing keynote session by Dr. John Spencer. After a short break for lunch, we will resume sessions at 1pm and end the conference at 4pm.

The vendor sites will be available throughout the conference, so please take the time to visit them at your leisure.

We wish you a very successful and productive conference experience, and hope you will join us for a face-to-face conference in 2022!

**Best Regards,
West Virginia Statewide Technology Conference
Committee 2021**



2021 WVSTC CONFERENCE

COMMITTEES MEMBERS

Sarah Barnes

Tracey Beckley

Lisa Bridges

Harmony Garletts

Tiffany Goff

Nathan Justice

Michelle Liga

Annaliza Marks

Cory Morrison

Suma Ponnam

Phil Snitz

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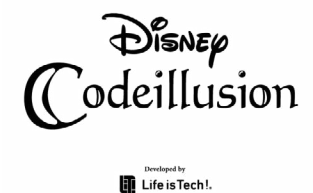
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EXHIBITORS:



VENDORS:



KEYNOTE SPEAKERS

John Spencer



John Spencer a former middle school teacher and current college professor on a quest to transform schools into bastions of creativity and wonder. John is on a mission to see teachers unleash the creative potential in all of their students so that kids can be makers, designers, artists, and engineers. He regularly explores research, interviews educators, deconstructs systems, and studies real-world examples of design thinking in action. He shares these insights in books, blog posts, journal articles, free resources, animated videos, and podcasts.



Alec Couros



Alec Couros is a Professor of Educational Technology and Media and the Director of the Centre for Teaching and Learning at the University of Regina. He has given hundreds of workshops and presentations, nationally and internationally, on topics such as Openness in Education, Networked Learning, Social Media in Education, Digital Citizenship, and Critical Media Literacy. His graduate and undergraduate courses help current and future educators understand how to use and take advantage of the educational potential offered by the tools of connectivity.



SESSIONS SCHEDULE



DAY 1: Monday, July 12TH

9:00 - 9:50 AM

10:00 - 10:50 AM

11:00 - 11:50 AM

SESSION 1

DegreeWorks
Presenter: Barbara Long
Session Type: **Roundtable**

SESSION 2 **CANCELLED**

WVVLN-Designing Online Courses to Increase Retention
Presenter: Nathan Fortney
Session Type: **Roundtable**

SESSION 3

HR Tech Talks
Presenter: Anita Davis
Session Type: **Roundtable**

SESSION 4

First2 Network: Building an Improvement Community for STEM Student Success
Presenter: Erica Harvey
Co-Presenters: Sue Ann Heatherly, Sean Harwell
Session Type: **Roundtable**

SESSION 1

Banner - Birds of a Feather
Presenter: Dianne Sisler
Co-Presenters: Annaliza Marks, JR Farley
Session Type: **Roundtable**

SESSION 2

Digital Learning Day Recipient Panel from West Virginia University
Presenter: Kimberly Floyd
Co-Presenters: Graham Andrews, Susan Lantz, Matthew Heap
Session Type: **Panel Session**

SESSION 3

Flipped Classroom: A Second Look
Presenter: Laurie McCormick
Co-Presenter: Lisa Heaton
Session Type: **Roundtable**

SESSION 4

Restorative Justice in Education - Who is Involved
Presenter: Erica Harvey
Co-Presenter: James Nolan
Session Type: **Roundtable**

SESSION 1

Balancing Theory & Practice in Teacher Preparation Programs, and Tracking the Technology Strand for CAEP Accreditation
Presenter: Jason Noland
Session Type: **Regular**

SESSION 2

Designing Online Courses to Increase Student Retention Rates
Presenter: Nathan Fortney
Co Presenter: Jennifer Hawkinberry
Session Type: **Regular**

SESSION 3

Ransomware Prevention with Cisco Cloud Security
Presenters: Cloud security team
Craig Matthews, Cybersecurity Sales Specialist
Justin Murphy, Technical Solutions Architect
Jessie Hackney, Systems Engineer WV
Session Type: **Regular**

NOON

2:00 -2:50 PM

3:00 -3:50 PM

LUNCH BREAK -TRIVIA

1:00 - 1:50 PM

KEYNOTE SPEAKER

Engaging Students in Online and Blended Learning Environments

Presenter: Alec Curos
Session Type: **Opening Keynote**

SESSION 1

Safety and Security: Managing through the Crisis

Presenter: Justine Songey
Session Type: **Regular**

SESSION 1

Engaging Students in Instructional Stations in the Secondary Classroom

Presenter: Cathy Ferro
Co-presenter: Michelle Cantley
Session Type: **Regular**

SESSION 2

Creating Assessment for Remote Learning Readiness

Presenter: David Ayersman
Co-Presenters: Sharon K. Evans, Anne M. Nagye, Duane F. Napier, Dianna L. Putorek, Angela M. Strickland
Session Type: **Regular**

SESSION 3

Setting Up & Running a Successful Digital Classroom

Presenter: Rhonda France
Session Type: **Regular**

SESSION 4

Digital Content: Not Just for Global Pandemic

Presenter: Todd Strickland
Session Type: **Regular**

SESSION 1

A Decade of Electron Probe Microanalysis and Student Research - History and Impact

Presenter: Stephen Kuehn
Session Type: **Regular**

SESSION 2

Start Making Connections

Presenter: Sophie Youngs
Session Type: **Regular**

SESSION 3

Empowered Teams

Presenter: John Spencer
Session Type: **Regular**

SESSION 4

Protecting West Virginia's Students in their Digital Classrooms

Presenter: Tim Hodkinson
Session Type: **Regular**

DAY 2: Tuesday, July 13TH

9:00 - 9:50 AM

10:00 - 10:50 AM

11:00 - 11:50 AM

SESSION 1

What's New in Office 365

Presenter: Mark Moore
Session Type: **Regular**

SESSION 2

Integrating Tech Skills

Presenter: Maggie Fisher
Session Type: **Regular**

SESSION 3

Student Perceptions on the Usefulness of Navigational Aids in Distance Education Courses

Presenter: Chris Sochor
Session Type: **Regular**

SESSION 4

Discover Schoolwork and Classroom: Powerful Tools for Teaching

Presenter: Jessica Garrigan
Session Type: **Regular**

SESSION 1

Design on a Dime or Extreme Makeover - For your Course!

Presenter: David Evans
Type of Session: **Presentation**

SESSION 2

A Day in the Life of iPad

Presenter: Jessica Garrigan
Session Type: **Regular**

SESSION 3

Keys to Make Digital Content Work for You

Presenter: Todd Strickland
Session Type: **Regular**

SESSION 1

The WV VACS Initiative

Presenter: J. Skylar Upton
Co-Presenter: Amy Summers
Session Type: **Poster**

SESSION 2

Creating Multi-Page PDFs

Presenter: Maggie Fisher
Session Type: **Poster**

SESSION 3

What is a QR Code?

Presenter: Maggie Fisher
Session Type: **Poster**

SESSION 4

Using SoftChalk Lessons with Your LMS

Presenter: David Evans
Session Type: **Presentation**

NOON

LUNCH BREAK -TRIVIA SLIDESHOW

1:00 - 1:50 PM

SESSION 1

Coding During Covid: How to Run Virtual Coding Clubs for Youth

Presenter: Kati Baker

Co-Presenter: Emma Gardner

Session Type: **Regular**

SESSION 2

Get Jamming with Google Jamboard

Presenter: Chrystalle Doyle

Session Type: **Regular**

SESSION 3

Effective Icebreakers for Online Language Classes

Presenter: Rachel Krantz

Session Type: **Regular**

SESSION 4

Amplifying Thinking Routines Using Technology Tools

Presenter: Debbie Tannenbaum

Session Type: **Regular**

2:00 -2:50 PM

SESSION 1

How to Empower Students in Virtual and Distance Learning Environments

Presenter: John Spencer

Session Type: **Regular**

SESSION 2

It Looks Fantastic, but is it Accessible for All Online Learners

Presenter: Angela Milliren

Co-Presenter: William Beasley

Session Type: **Regular**

SESSION 3

Creating a Culture of Professional Learning with Apple Teacher

Presenter: Jessica Garrigan

Session Type: **Regular**

SESSION 4

Infobase is Your First Step with Research

Presenter: Greg Ricci

Session Type: **Regular**

SESSION 5

Moving + Mindfulness

Presenter: Melissa Perlman

Session Type: **Roundtable**

3:00 -3:50 PM

SESSION 1

String Us Along on Tales Told in Twine

Presenter: Nathan Rucker

Co-Presenter: Margaret Sullivan

Session Type: **Regular**

SESSION 2

Creating a Student-Driven OER Digital

Presenter: Chris Ingersoll

Co-Presenters: Larry Sheret, Monisha Gupta, Ralph May

Session Type: **Regular**

SESSION 3

All About Esports with ByteSpeed

Presenter: Dixon Schwan

Co-Presenter: Logan Harrison

Session Type: **Regular**

SESSION 4

Awesome Apps for Teaching and Learning

Presenter: Lisa Heaton

Co-Presenters: Tina Allen, Kimberly McFall, McKenzie Brittain

Session Type: **Regular**

DAY 3: Wednesday, July 14TH

9:00 - 9:50 AM

SESSION 1

Panhandling for Student Engagement: Utilizing Multiple Asset Types

Presenter: Greg Ricci
Session Type: **Regular**

SESSION 2

Smart Cities, Smart Campuses, and building community engagement through Public-Private Partnerships

Presenter: Garrett Bradlyn
Session Type: **Regular**

SESSION 3

Digital Photography and Scanning

Presenter: Maggie Fisher
Session Type: **Regular**

SESSION 4

Discover the Future of Immersive Active Educational Spaces

Presenter: Pete St-Onge
Session Type: **Regular**

SESSION 5

Personal Desktop Organization and ADHD

Presenter: Gustavo Keener
Session Type: **Regular**

10:00 - 10:50 AM

SESSION 1

Everyone Can Create - Ignite Creativity with iPad

Presenters: Jessica Garrigan
Session Type: **Regular**

SESSION 2

Universal Design for Learning in Higher Ed: What? How? Who? Why?

Presenter: Lydia Mong
Co-Presenter: Eric Lemley
Session Type: **Regular**

SESSION 3

Fortinet, Keeping Students, Faculty, and Staff Secure

Presenters: Michael Campesi
Co-Presenter: Allen Surface
Co-Presenter: Justin Bell
Session Type: **Regular**

SESSION 4

Engagement In the Promethean ActivClassroom

Presenters: Molly-Armine Holston
Session Type: **Regular**

SESSION 5

Micro-credentialing and D2L Awards

Presenter: Dan Semi
Session Type: **Regular**

11:00 - 11:50 AM

CLOSING KEYNOTE SPEAKER

SESSION 1

Empower Your Students with Voice and Choice

Presenter: John Spencer
Session Type: **Poster**

LUNCH BREAK

NOON

1:00 -1:50 PM

SESSION 1

Desmos: Not Just for the Math Classroom Anymore

Presenter: Jessica Thomas

Session Type: **Regular**

SESSION 2

Lessons Learned: Growing Community in a Virtual World

Presenter: Jennifer Rowan

Session Type: **Regular**

SESSION 3

Using Social Media During COVID-19 to Increase Family Engagement in Times of Isolation

Presenter: Rikki McCormick

Session Type: **Regular**

SESSION 4

"Do. Or Do Not. There is No Try." Launching a Virtual Comicon in a Pandemic

Presenter: Monica Brooks

Co-Presenters: Kacy Lovelace, Heather Lauer

Session Type: **Regular**

SESSION 5

How to Build WordPress Websites Using Beaver Builder

Presenter: Anthony Tran

Session Type: **Regular**

SESSION 6

Coding Curriculum to Engage Every Student: Tips and Insights'

Presenter: Satoshi Miyagawa

Session Type: **Regular**

2:00 -2:50 PM

SESSION 1

Keeping ALL Students Engaged with Desmos

Presenter: Jessica Thomas

Session Type: **Regular**

SESSION 2

Images for Online Content

Presenter: Gabriela Martin Barbosa

Session Type: **Regular**

SESSION 3

Get the Google Gossip

Presenter: Teena Hine

Session Type: **Regular**

3:00 -3:50 PM

SESSION 1

The Role of the School Principal and One-to-One Computer Integration

Presenter: Jennifer Rowan

Co-Presenter: Brian Mulligan

SESSION 2

Kami - What Can It Offer the Math Classroom?

Presenter: Sophie Youngs

Session Type: **Regular**

SESSION 3

5 Ice Breaker Activities for Distance Learning

Presenter: Brian Cook

Session Type: **Regular**

SESSION DESCRIPTIONS

DAY 1: MONDAY, JULY 12TH

DEGREEWORKS

This is a roundtable for anyone who works with Ellucian's DegreeWorks.

Presenter: Barbara Long, WVNET

Roundtable Session
Topic Area: Higher Ed
Audience: Higher Ed

WEST VIRGINIA VIRTUAL LEARNING NETWORK – DESIGNING ONLINE COURSES TO INCREASE RETENTION

Distance education and online learning have become an absolute necessity in light of the Covid-19 pandemic. Online courses have a historically higher rate of student incompletion, which often leads to those same students leaving your institution.

Presenter: Nathan Fortney

Roundtable Session

HR TECH TALKS

Roundtable discussion of HR tech trends, tools & innovations; inclusive workplace diversity; focus on remote work; workforce management; employee mental health; training/upskilling current employees; best practices of HR data security, recruiting/attracting talent, etc.

Presenter: Anita Davis, WVNET

Roundtable Session
Topic Area: Human Resources
Audience: Higher Ed, Government, Non-profit

FIRST2 NETWORK: BUILDING AN IMPROVEMENT COMMUNITY FOR STEM STUDENT SUCCESS

Join First2 Network for an improvement science panel focused on first generation STEM student success – a chance for teachers, faculty, industry representatives and any interested others to:

- learn what First2 Network is discovering about challenges for students,
- reflect on current practices in your own locus of control, and
- make plans for professional change ideas that address high leverage points for making a difference in STEM student success in our state.

Presenter: Erica Harvey, Fairmont State University
Erica is a PI for First2 Network NSF INCLUDES Alliance. She has been a chemistry professor at Fairmont State University since 1994 and currently leads the Creative Sustainability Council on campus as part of the Abelina Suarez Professorship. She's interested in ways to improve student success in college science courses, specifically the heavily math-based courses, and in helping to build a statewide network for STEM student success.

Presenter: Sue Ann Heatherly
Sue is the lead PI for First2 Network NSF INCLUDES Alliance. She has been the Education Officer for the National Radio Astronomy Observatory, now the Green Bank Observatory (GBO), since 1987. At the Observatory, her role has been to engage teachers and students in real-world scientific research experiences, and to share the excitement of scientific discovery with the public. Programs include science teacher workshops, student camps and research programs like the Pulsar Search Collaboratory, and First2Network Internships. Heatherly started out as a classroom science teacher and was transformed by an experience where she used a radio telescope to explore a distant galaxy called M 87, working in a team with fellow teachers and being mentored by the scientific staff at the Observatory. Now, 30 years in to her job with the GBO, she has the privilege of creating similar opportunities for teachers, students and the public to gain first-hand experience in doing science.

Panel Session
Topic Area: Pedagogy
Audience: Middle School, High School, Higher Ed, Government, Non-profit

BANNER - BIRDS OF A FEATHER

Banner Birds of A Feather functional and technical discussion. Meet with your peers in discussing both technical and functional roles in Ellucian's Banner database. This is a roundtable for anyone who works with Banner.

Presenter: Dianne Sisler

Co-Presenter: Annaliza Marks

Co-Presenter: JR Farley

Roundtable Session

Topic Area: Higher Ed

Audience: Higher Ed

DIGITAL LEARNING DAY RECIPIENT PANEL FROM WEST VIRGINIA UNIVERSITY

Digital Learning Day (DLD) is designed to improve student's learning experiences and celebrate innovative educators. DLD combines learning through the digital world and educational technology to foster the students ability to access internet in an innovative way.

Listen to this year's Digital Learning Day recipients as they talk about how they integrated technology into their teaching to better engage students throughout this challenging year.

Presenter: Kimberly Floyd

Dr. Floyd is an Associate Professor in Counseling and Learning Sciences in the College of Education and Human Services at WVU Her background is Special Education. Her expertise is in inclusive education, assistive technology and teacher preparation. Currently she teaches early childhood special education courses as well as serving as an Honors Fellow teaching a course entitled Trauma, Resiliency, and Children. Panel Session Distance Learning.

Presenter: Graham Andrews

Dr. Andrews - Associate Professor. Master of Geology and PhD (Geology) from the University of Leicester, UK. Emigrated to the US in 2011. Started at WVU Department of Geology & Geography in August 2016. Research interests - volcanoes, mineral resources and green energy.

Presenter: Susan Jennings Lantz teaches Business Communication in the John Chambers College of Business and Economics. She is active with the Campus Read, and has lead WVU study abroad groups to Brazil and Bahrain. She has spent two summers as a visiting lecturer at the Tianjin University of Finance of Business and Economics in Tianjin, China, and she teaches a Gender in Business class for the WVU Honors College. Before coming to the WVU College of Business and Economics, she spent 22 years working in various areas of the University, including holding positions as the Assistant Director of Student Employment in the Division of Human Resources, the Associate Director of Career Services in Student Affairs, and as the Parent Advocate in the Office of the President. She earned a PhD in English in 2014.

Presenter: Matthew Heap

Assistant Professor -Composition and Theory, College of Creative Arts Matthew Heap, born in 1981, is an internationally performed composer. Allan Kozinn of the New York Times called his music "engagingly noisy... [and] rhythmically sharp-edged." He has had major performances by the Talea Ensemble, Alia Musica Pittsburgh, TEMPO, Duo Scordatura, and the SIGNAL ensemble. His music theory interests involve the furthering of music theory pedagogy and innovative engagement tools for students. He teaches composition and music theory at West Virginia University, where he is an Assistant Professor.

Panel Session

Topic Area: Distance Learning

Audience: K-12, Higher Ed, Government, Non-Profit

FLIPPED CLASSROOM: A SECOND LOOK

The flipped classroom model of teaching may be old news to some, but the presenters posit that it is worth a second look. In this roundtable discussion presenters will be prepared to share information and facilitate discussion about the meaning of flipped classroom, common technologies and strategies for implementing flipped classroom, recent literature regarding the effectiveness of flipped learning, and experiences with implementation. Session participants will be encouraged to share their own work with flipped learning strategies and to pose questions for discussion during the roundtable.

Presenter: Laurie McCormick, Marshall University

Laurie is pursuing her doctorate in Curriculum & Instruction at Marshall University's College of Education and Professional Development. Her emphasis is in Instructional Technology.

Presenter: Lisa Heaton

Lisa is a faculty member in the College of Education and Professional Development at Marshall University. Her teaching focuses on providing instructional technology experiences for graduate students pursuing master's and doctoral degrees.

Roundtable Session

Topic Area: Pedagogy

Audience: Middle School, High School, Higher Ed

RESTORATIVE JUSTICE IN EDUCATION

Who is Involved in West Virginia? Restorative Justice (RJ) focuses on repairing harms and restoring the community after an incident where trust is broken. RJ provides an alternative to traditional punishment-centered approaches and provides offenders a path to regaining trust. In this roundtable, we are interested in connecting with others in WV who are trying this approach in educational settings, or interested in doing so.

Presenter: Erica Harvey, Fairmont State University

Erica is a PI for First2 Network NSF INCLUDES Alliance, which focuses on undergraduate success for rural, first generation STEM majors. She has been a chemistry professor at Fairmont State University since 1994 and currently leads the Creative Sustainability Council on campus as part of the Abelina Suarez Professorship. She's interested in ways to improve student success in college science courses, specifically the heavily math-based courses, and in helping to build a statewide network for STEM student success. Harvey and Dr. Nadira Ghattas, a colleague at Fairmont State, started testing a restorative justice approach in their chemistry classes in the spring of 2020, with help from WVU sociologist Jim Nolan.

Presenter: James Nolan

James is a professor and chair of the Department of Sociology and Anthropology Department at West Virginia University. His research and teaching has focused on police policy and reform, psychodynamic processes in communities, classrooms, and in higher education administration. He is a member of WVU ADVANCE, an academic hub that works with faculty, staff and campus-wide leaders to disrupt institutional inequities and promote inclusive policies that sustain and grow a thriving culture and climate throughout the university.

Roundtable Session

Area of Topic: Pedagogy

Audience: K-12, Higher Ed, Government, Non-profit

BALANCING THEORY & PRACTICE IN TEACHER PREPARATION PROGRAMS, AND TRACKING THE TECHNOLOGY STRAND FOR CAEP ACCREDITATION

This presentation will outline one method of designing technology courses for teacher candidates that balances theory and practice so program completers are prepared to enter the professional world in an ever-changing technological environment. Discussions will center around teaching candidates to evaluate new hardware and software for its educational use, while also learning how to better use current technology in a classroom. The session will also discuss methods of incorporating technology instruction throughout teacher preparation programs, and tracking that for CAEP accreditation.

Presenter: Jason Noland

Dr. Jason Noland is an Assistant Professor in the School of Education at Fairmont State University where he currently teaches Instructional Technology; Teaching in the New Media Age; Curriculum in the New Media Age; the Digital Media, New Literacies, and Learning Practicum, as well as Music in the Elementary Classroom. He also serves as CAEP Co-Coordinator for the University, as well as a CAEP National Site Visitor.

Regular Session

Audience: Higher Education

Topic Area: Pedagogy

DESIGNING ONLINE COURSES TO INCREASE STUDENT RETENTION RATES

Distance education and online learning have become an absolute necessity in light of the Covid-19 pandemic. Online courses have a historically higher rate of student incompleteness, which often leads to those same students leaving your institution. Join us as we explore proven course design methods and pedagogical approaches to keep online learners engaged, active, and ultimately enrolled in your institution.

Presenter: Nathan Fortney, Jennifer Hawkinberry
Alderson Broaddus University

Regular Session

Topic Area: Distance Learning

Audience: Higher Ed, Government, Non-profit

CODING CURRICULUM TO ENGAGE EVERY STUDENT: TIPS AND INSIGHTS

Are you looking to design a coding curriculum that will keep all students excited and engaged while learning and progressing in an intentional way at the same time? Let's face it, this is a very challenging task, but with the right tools and resources it doesn't need to be. Typically curriculum that's engaging and/or entertaining quickly becomes too easy for some and curriculum that's robust and/or comprehensive is too dry and complicated for others. On top of that, students learn best in a variety of ways, so approaching your coding curriculum in a "one size fits all" way will fall short for your students. Join us as we discuss coding curriculum best practices and must have features of programs that will bring your curriculum plans to life!

Presenter: Amanda Windsor

Co Presenter: Satoshi Miyagawa

Regular Session

Audience: K-12

Topic Area: Coding

RANSOMWARE PREVENTION WITH CISCO CLOUD SECURITY

Learn how to prevent ransomware with Cisco Cloud Security

Regular Session

Presenters: Cloud Security Team

Craig Matthews, Cybersecurity Sales Specialist

Justin Murphy, Cloud Security Technical Solutions Architect

Jessie Hackney, Systems Engineer WV

ENGAGING STUDENTS IN ONLINE AND BLENDED LEARNING ENVIRONMENTS

The COVID-19 pandemic has radically altered virtually every component of our daily lives. Throughout this experience, our educational systems have been greatly affected as schools and universities have adopted remote teaching and learning as a means to continue their services. For many educators, this transition has been a difficult one, as they have had to quickly be brought up-to-speed on digital technologies and online pedagogies, while simultaneously handling new challenges at home. Moreover, while these experiences have been stressful in and of themselves, much has also been revealed to us about the limitations and challenges of modern schooling. In this presentation, Dr. Couros will discuss some of the tools and strategies that educators used to engage their students throughout the pandemic. Through this lens, Couros will share ideas for improving the learning experiences of our students as we transition back to 'normal.'

Presenter: Alec Couros

Alec Couros is a Professor of educational technology and media and the Director of the Centre for Teaching and Learning at the University of Regina. He has given hundreds of workshops and presentations, nationally and internationally, on topics such as open & networked learning, social media in education, digital citizenship, and critical media literacy. His graduate and undergraduate courses, as well as his very popular MOOCs, help current and future educators better understand how to use and take advantage of the educational potential offered by emerging technologies.

Opening Keynote

Audience: Higher Education

Topic Area: K-12, Higher Ed

SAFETY & SECURITY: MANAGING THROUGH THE CRISIS

Join Verkada in this speaking session to learn how to streamline productivity and increase efficiency for technology teams across districts by deploying hybrid cloud security. By moving away from traditional system architecture, we will demonstrate how to:

- Quickly search for video footage using people and vehicle analytics
- Receive real-time visibility into access-based events in your buildings
- Detect smoking, vaping, and more readings with an environmental sensor

Presenter: Justine Songey, Account Executive

Verkada builds intelligent security cameras capable for the Internet of Things (IoT) era. Our mission: modernize the world of physical security. Verkada's IoT platform combines plug-and-play security cameras with intelligent, cloud-based software – all in a scalable, user-friendly system.

Regular Session

Topic Area: School Safety & Security

Audience: K-12, Higher Ed, Government

ENGAGING STUDENTS IN INSTRUCTIONAL STATIONS IN THE SECONDARY CLASSROOM

Effective teachers are always looking for ways to help their students retain and process content. We will explore planning strategies for both the in person and virtual platforms that focus on station teaching giving students voice and choice. We will demonstrate strategies that lead to differentiated instruction and higher order thinking. The activities that we share are centered around ELA but can be adapted to any subject area.

Presenter: Cathy Ferro, BS, MA

28 years of experience in a variety of educational realms and roles from a secondary math teacher to an educational consultant. Cathy is currently the Coordinator of High Schools in her county while she continues tutoring student from at the secondary level.

Presenter: Michelle Cantley, BS, M.ED,

18 years of experience in a wide variety of realms and educational roles from classroom teacher to educational consultant. Michelle is currently the leader of the secondary instructional coaching program in her county and an instructional coach at a middle school.

Regular Session

Topic Area: Pedagogy

Audience: Middle School, High School

CREATING AN ASSESSMENT FOR REMOTE LEARNING READINESS

Responding to the pandemic has led many colleges and universities to rapidly develop and implement new solutions for providing services remotely while also working to improve and streamline existing services and information for remote users. One key area benefiting from this effort at New River, has been improvements we're making to better prepare students for remote learning. We've recently made progress with creating a Remote Learning Readiness Survey as part of a student's onboarding and orientation experience. With limited resources and time, the outcome of our collaborative effort is a sleek, simple, self-assessment for students to identify areas where they might make improvements before enrolling in our distance education (WEB and ZOOM) courses. In our session, we'll share a copy of the instrument, information about customizing it for your own institution, and a description of how we plan to use it at New River.

Presenter: David Ayersman, New River Community and Technical College
David is Vice President for Information Technology Services at New River Community and Technical College and he works collaboratively with others to improve remote learning opportunities for New River students. He has over 30 years of professional experience in higher education and has served at New River since 2007.

Presenter: Sharon Evans, BS, MS

Sharon is an assistant professor of mathematics for New River Community and Technical College. She has been teaching for 40 years with 6 years of high school teaching (English), 2 ½ years junior high teaching (mathematics) and

31 ½ years higher education teaching (mathematics). Her teaching experience is in synchronous and asynchronous learning environments. She believes that the more thorough our orientation is for the students, the better prepared they will be to begin the semester, often leading to success in courses.

Regular Session

Topic Area: Distance Learning

Audience: Higher Ed

SETTING UP & RUNNING A SUCCESSFUL DIGITAL CLASSROOM

In this presentation I will show teachers how they can easily go from a traditional paper and pencil classroom to one that is completely digital. Including ways to enhance technology, simplify your job, receive and grade papers, creating online classrooms and materials, having a responsible technological footprint, teacher-friendly and student-friendly apps that can enhance instruction all while keeping your students engaged whether in the classroom or teaching online.

Presenter: Rhonda France, Cabell County Schools

11th year of teaching experience and I'm working currently on my national board certification. During the 2019-2020 school year I took my entire fifth grade classroom paperless, Thankfully, this was before the onset of the pandemic so my students and I were well prepared. In the 2020-2021 school year I was the virtual fifth grade teacher from my school where I taught children not only from my own school but other schools around the county as well. I love technology and integrating it into my classroom but my true passion is sharing that knowledge with other teachers. Using technology can make our jobs easier not more difficult if we are not afraid to begin and I believe that teachers are some of the hardest working people in the world. The fact that I can help them make their job more enjoyable and easier excites me.

Regular Session

Topic Area: Teaching in a Digital Classroom

Audience: K-12, Higher Ed, Government, Non-Profit

DIGITAL CONTENT: NOT JUST FOR GLOBAL PANDEMICS

When many schools had to shut down in-person classes in Spring of 2020, students and teachers increasingly turned to ebooks and audiobooks to continue learning remotely. Since then, digital has continued to gain momentum as a resource that's easily accessible regardless of where classes are taking place. Join OverDrive's Todd Strickland to discuss ways to expand your digital collection and take advantage of new government relief funding. You'll learn how Education Stabilization Funds (ESF) work and walk away with a better understanding of how to use relief funding in your own district towards required reads or to create an inclusive, equitable school library that gives all of your students access to the books they need.

Presenter: Todd Strickland, Overdrive Education

Regular Session

Topic Area: Apps

Audience: K-12

A DECADE OF ELECTRON PROBE MICROANALYSIS AND STUDENT RESEARCH HISTORY AND IMPACT HISTORY AND IMPACT

In 2010, Concord University established West Virginia's first and only electron microprobe analytical laboratory with the intent that it become a statewide resource for education and research. Ready access to instrumentation provides significant advantages, and the Concord microanalytical lab has been a resounding success, supporting innovations in undergraduate teaching and research for the past decade while also supporting users from more than twenty universities and businesses. It is part of a suite of instruments used by programs in chemistry, geology, and physics that Concord faculty have been developing since the late 1990s.

At the lab's core is an upgraded ARL SEMQ electron microprobe, a specialized type of scanning electron microscope, located in a dedicated ground-floor facility. The microprobe provides wavelength- and energy-based X-ray analytical capabilities, both secondary and backscattered electron imaging, and modern computer automation for multi-disciplinary applications. The instrument is supplemented by a complete sample preparation laboratory and a collection of more than three hundred micro-analytical reference materials for calibration and quality control. Major and trace-element analysis with detection limits as low as 8 ppm and both electron and X-ray compositional imaging are conducted routinely with excellent results.

The instrument affords outstanding opportunities for Concord students who have taken to the available capabilities with enthusiasm. The microprobe is integrated into the undergraduate curriculum at all levels providing important workforce-relevant experience, and it is key to supporting an innovative multi-year research-embedded undergraduate curriculum. The laboratory also enables independent research by students, faculty, and visitors. Recent expanded familiarity with remote learning tools, means that these same capabilities and opportunities can now be more readily brought to classrooms statewide.

Presenter: Stephen Kuehn, Concord University, Department of Physical and Environmental Sciences

Director of the Electron Microprobe Laboratory and faculty member at Concord University since 2010. Currently serve on the National Science Foundation EarthCube program Science and Engagement Team, as regional coordinator for the WV Science Bowl RESA 1 and 4 areas, and as co-leader of an international volcanic ash best practices working group

Regular Session

Topic Area: Pedagogy, research tools, and distance learning

Audience: K-12, Higher Education, Government, Non-profit

START MAKING CONNECTIONS

Are you a new TIS or Instructional Coach? Are you not so new but want to shake things up with your teachers? Join in as Sophie explains how to use punch cards to knock down barriers and get into the classroom with tickets.

I came into a new school in the second semester and had to build relationships lightning fast. Learn about the strategies that I put in place and the steps that I took that fostered trust and collaboration with my teachers. Bring your experiences to the table too!

Presenter: Sophie Youngs, Greenbrier County Schools
I have been a Technology and Curriculum Specialist (TACS) for Greenbrier County Schools for four years now. As a TACS, I assist teachers with integrating/ implementing technology/curriculum in their classrooms. I like to think that I specialize in making my teachers' lives easier by finding the perfect edTech for their needs. Before I was a TACS, I taught math, science, and technology for six years at middle schools in Greenbrier and McDowell Counties. I have two graduate degrees: one in Instructional Design and Technology from WVU and the other in Digital Media, New Literacies, and Learning from Fairmont State.

Regular Session
Topic Area: Building Relationships
Audience: K-12

EMPOWERED TEAMS

Group work can be challenging, with certain students doing all the work while others do virtually nothing. However, we can design collaborative projects to boost student engagement and participation by empowering teams. In this session, we explore how to build in student ownership, interdependence, trust, and structure.

Presenter: John Spencer, Spencer Creative Services
Dr. John Spencer is a former middle school teacher and current college professor who is passionate about seeing kids reach their creative potential. He is the co-author of the bestselling books Launch, Empower, and Empowered at a Distance. In 2013, he spoke at the White House, sharing a vision for how to empower students to be future-ready through creativity and design thinking.

Regular Session
Topic Area: Pedagogy
Audience: K-12, Higher Ed, Government, Non-profit

PROTECTING WEST VIRGINIA'S STUDENTS IN THEIR DIGITAL CLASSROOMS

According to the CDC, over 20% of West Virginia's high school students have seriously considered suicide, and almost 14% report having made a plan about how they would make an attempt. To help schools address this alarming trend, warning signs must be identified as early as possible. With platforms like G Suite and Office 365 now a universal part of the daily learning experience, it's not uncommon that students will use these spaces to share their struggles with bullying, depression, substance abuse, and suicidal thoughts. In this session, we will discuss key steps school leaders can take to proactively identify threats to student safety and shorten the response time for students in crisis.

Presenter: Tim Hodkinson, Gaggle
Tim is the Regional Sales Manager for Gaggle in West Virginia. A former middle-school educator and instructional technology specialist, Tim has over a decade of experience working with students, teachers, and administrators to improve educational and social-emotional outcomes.

Regular Session
Topic Area: Social emotional well-being
Audience: K-12, Higher Ed, Government, Non-Profit

DAY 2: TUESDAY, JULY 13TH

WHAT'S NEW IN OFFICE 365

A quick rundown of all the latest bells and whistles in Office 365.

Presenter: Mark Moore, West Virginia Department of Education
Mark has been providing technical support and professional development for the West Virginia K-12 system for 20 years.

Regular Session
Topic Area: Apps
Audience: K-12

INTEGRATING TECH SKILLS

Integrating tech skills into your curriculum can be overwhelming for a variety of reasons. Join in on this session to work through some strategies on planning tech-rich lessons. Participants will also have access to a folder of printable planning resources.

Presenter: Maggie Fisher Tyler County Schools Maggie is a Library Media Specialist at Tyler Consolidated Middle/High School. She also works with the Tech Department to maintain iPads, answer 0365 questions, and provide a variety of photography, graphic design, and vinyl products and services.

Regular Session
Topic Area: Pedagogy
Audience: K-12

STUDENT PERCEPTIONS ON THE USEFULNESS OF NAVIGATIONAL AIDS IN DISTANCE EDUCATION COURSES

Marshall University utilizes the Quality Matters framework to develop and approve distance education courses. An important aspect of course development and pedagogy is student feedback. This presentation will discuss eCampus students' perceptions of the usefulness of course elements that are specifically tied to QM's General Standard One: Course Overview and Introduction.

Presenter: Chris Sochor, Marshall University
Chris has been an instructional designer at Marshall University since Fall 2006. Currently the manager of Online Learning, he is also a doctoral candidate in Leadership Studies. His professional areas of interest include distance education, distance course pedagogy, faculty development, and teaching.

Regular Session
Topic Area: Distance Learning
Audience: Higher Ed

DISCOVER SCHOOLWORK AND CLASSROOM: POWERFUL TOOLS FOR TEACHING

Learn how to manage iPad devices during class, easily distribute and collect materials, assign activities within apps, follow student progress, and collaborate with each of your students—all in real time. These new teaching tools help you and your students take advantage of the creative power of iPad.

Presenter: Jessica Garrigan, Apple
Apple K-12 Educational Leadership Executive

Regular Session
Topic Area: Apps
Audience: K-12

DESIGN ON A DIME OR EXTREME MAKEOVER - FOR YOUR COURSE!

Now that more classes are online, it's even more important to provide high-quality online lessons to meet the unique needs of your students. Whether you want

to make some quick and easy course content updates, or you want to go all-in on an 'extreme makeover', this presentation is for you! We'll show you how to use SoftChalk content authoring platform to create interactive, engaging, accessible online lessons. You can start simple, or go all out - it's easy to create interactive content that includes self-checks, interactive presentations, media, and images. Apply a theme to quickly achieve a professional look for your learning content. You'll be amazed at what you can create in a short amount of time!

Presenter: David Evans

Presentation Session
Topic Area: Software
Audience: Higher Ed

A DAY IN THE LIFE OF IPAD

Join us to experience a day in the life of secondary students as they harness the power of iPad. More than ever, teachers are using iPad to create interactive and engaging learning experiences, no matter where students are learning. Hear about new features that help students and teachers be even more productive and creative.

Presenter: Jessica Garrigan, Apple
Apple K-12 Educational Leadership Executive

Regular Session
Topic Area: Pedagogy
Audience: Middle School, High School

KEYS TO MAKING DIGITAL CONTENT WORK FOR YOU

Learn why digital content can have a deeper impact on K-12 student learning, what to consider when choosing a digital content solution as well as tips and strategies for using ebooks and audiobooks to increase student engagement.

Presenter: Tom Stickland

Regular Session
Topic Area: Apps
Audience: K-12

THE WV VACS INITIATIVE

The West Virginia Vaccine Administration, Collaboration, and Support (WV VACS) initiative trained and deployed interprofessional teams of health sciences students to help with the COVID-19 vaccination efforts throughout West Virginia. Students from programs across West Virginia utilized the

blackboard platform to complete an online curriculum module to ensure competency in vaccine administration to assist with the implementation of the state's COVID-19 vaccine plan.

Presenter: J. Skylar Upton West Virginia Vaccine Administration, Collaboration, and Support (WV VACS) Team

Presenter: Amy Summers, Project Manager

Poster Session

Topic Area: Distance Learning

Audience: Higher Ed

CREATING MULTI-PAGE PDFS

Learn 5 ways to create a multi-page PDF with an iPad or iPhone with this poster.

Presenter: Maggie Fisher, Tyler County Schools

Maggie is the Library Media Specialist at Tyler Consolidated MS/HS. She is also a member of the County Tech team and focuses on iPad support, O365 support, and graphic design/photography products.

Poster Session

Topic Area: Apps

Audience: K-12, Higher Ed, Government, Non-profits

WHAT IS A QR CODE?

QR Codes are a type of barcode that allow users to quickly access information from a scanner. Most smart phones can read QR codes with their cameras, so this is an easy way to share documents, websites, and other information. This poster is perfect for you to print and display in your classroom or add to your tech support website to spread the word about QR codes and how to use them.

Presenter: Maggie Fisher, Tyler County Schools

Maggie is the Library Media Specialist at Tyler Consolidated MS/HS. She is also a member of the County Tech team and focuses on iPad support, O365 support, and graphic design/photography products.

Poster Session

Topic Area: Apps

Audience: K-12, Higher Ed, Government, Non-profits

USING SOFTCHALK LESSONS WITH YOUR LMS

Your LMS serves a hub for information, scoring, and educational resources for you and your students. With SoftChalk's content authoring platform, you can create engaging, interactive online lessons that can be delivered directly in your LMS courses. SoftChalk works with Blackboard, Canvas, Moodle, BrightSpace, Sakai and others! The best part is how easy it is to manage your LMS content using SoftChalk. With one click you can update your content in multiple LMS courses. Come see how you can use SoftChalk to create interactive content that can be delivered in your LMS so that you can easily collect, track and report scores directly into your LMS gradebook!

Presenter: David Evans

Presentation Session

Topic Area: Software

Audience: Higher Ed

CODING DURING COVID: HOW TO RUN VIRTUAL CODING CLUBS FOR YOUTH

After in-person events and residential camps were canceled, WVU Extension Service 4-H faculty ran free, statewide virtual Coding Clubs and Computer Science Workshops for youth in 3rd-12th grade. Initially, the team planned for 50 youth to register. Yet within a week, registration ballooned to over 350. Youth learned basic coding skills while creating their own maze and racing games. Additionally, eight stand-alone CS workshops were run in July that covered a wide variety of topics like TinkerCAD and web development. In all, 350 youth participated from 40 WV counties, 8 states, and Canada. Evaluation, lessons learned, and information for replication will be discussed.

Presenter: Kati Baker, West Virginia University Extension Service

Kati Baker is the Computer Science Innovator for WVU Extension Service's 4-H Youth Development program. She has been heavily involved in 4-H since college, working as a STEM Ambassador and volunteering at state and code camps. She is a Computer Science graduate from West Virginia University and an avid video gamer, developing her own games in her spare time.

Presenter: Emma Gardner

Emma is the Roane County 4-H Youth Development WVU Extension Agent. As a former STEM educator and Girls Who Code facilitator, Emma specializes in all things science and tech education from rockets to robotics. She is currently working on her doctorate in education in curriculum and instruction from Marshall University.

Regular Session

Topic Area: Coding

Audience: Middle School, High School, Higher Ed

GET JAMMING WITH GOOGLE JAMBOARD

In this presentation you will learn about Google Jamboard, including Jamboard essentials, the updated features and functions that are available and how to collaborate using Jamboard and integrate it with other Google Tools.

Presenter: Chrystalle Doyle Mason, County Board of Education
Chrystalle is the Coordinator of Technology for Information, Integration, and Instruction for Mason County Schools. She has spent 32 years in education and has been a certified Technology Integration Specialist since 2012. She does extensive training for her county on all things technology. She is a Google Level 1 and Level 2 certified educator as well as a Microsoft Innovative Educator Trainer.

Regular Session
Topic Area: Apps
Audience: K-12

EFFECTIVE ICEBREAKERS FOR ONLINE LANGUAGE CLASSES

If you are involved with second-language teaching, you know how hard it can be to get students talking. Many are shy, afraid to make mistakes or to look bad in front of peers. That is why it is essential to create a supportive atmosphere in which creativity and risk taking are encouraged. One way to do this is by starting each class with a short, fun activity that involves everyone. In the physical classroom, such icebreakers include relay games, charades, "treasure hunts," etc. But few of these activities translate well to distance learning. In my presentation, I will share several icebreakers from my online French and Spanish classes that capitalize on the strengths of Zoom and the Internet to get students interacting virtually.

Presenter: Dr. Rachel Krantz
Dr. Krantz joined the Modern Languages faculty at Shepherd University in 2004 after teaching French and German for several years in the St. Louis area. Dr. Krantz received her M.A. from the University of Munich in 1993, where she studied French, German and Spanish. After returning to the U.S., Dr. Krantz pursued doctoral studies in French at the University of Wisconsin-Madison, writing her dissertation on Marguerite Duras.

Her areas of specialization include 19th- and 20th-century French literature, French and Francophone culture, and film studies. However, she also writes about pedagogy topics such as student motivation, flipped learning, and task-based instruction. During her upcoming sabbatical, she will create an online Spanish resource that uses contemporary songs for listening, writing, and grammar practice.

Regular Session
Topic Area: Distance Learning
Audience: High School, Higher Ed

AMPLIFYING THINKING ROUTINES USING TECHNOLOGY TOOLS

Project Zero's Thinking Routines promote students' thinking by taking what students have read or learned about and have them synthesize their thoughts to make their thinking visible. Haven't heard of them yet? Come to this session and learn all about them. Discover when and how using technology tools, such as GSuite, Padlet, Pear Deck and Flipgrid can amplify the use of these routines. Empower your learners to new levels as you learn to combine thinking routines and technology tools.

Presenter: Debbie Tannenbaum, Fairfax County Public Schools, VA
Debbie is an Elementary School Technology Specialist in Fairfax County, VA. An educator with over twenty years of experience, Debbie supports both staff and students to integrate technology tools into instruction through both co teaching sessions and weekly technology classes. Debbie Tannenbaum is also an avid blogger and shares her thoughts and reflections on her website: TannenbaumTech.com You can also find her on Twitter, Voxer, Instagram, and LinkedIn at @TannenbaumTech.

Regular Session
Topic Area: Pedagogy
Audience: K-12

HOW TO EMPOWER STUDENTS IN VIRTUAL AND DISTANCE LEARNING ENVIRONMENTS

We didn't ask for this. We didn't anticipate this. But now many of us are teaching online and virtually. In this workshop, we explore how to boost engagement, improve collaboration, and increase student ownership in distance learning environments. We explore, step-by-step, how to improve virtual class meetings, how to use choice menus strategically, and how to get students engaged in creative projects at home. By the end, you'll have tools, strategies, and a clear plan for the future.

Presenter: John Spencer, Spencer Creative Services
Dr. John Spencer is a former middle school teacher and current college professor who is passionate about seeing kids reach their creative potential. He is the co-author of the bestselling books Launch, Empower, and Empowered at a Distance. In 2013, he spoke at the White House, sharing a vision for how to empower students to be future-ready through creativity and design thinking.

Regular Session
Topic Area: Distance Learning
Audience: K-12, Higher Ed, Government, Non-profit

IT LOOKS FANTASTIC BUT IS IT ACCESSIBLE FOR ALL ONLINE LEARNERS?

As the American education system was thrust into online learning one year ago, many teachers rushed to move learning to online forums. Students who required educational adaptations to content were left without in-person support staff to help guide them through documents and multimedia presentations. Countless hours were spent by educators who created “eye-catching” documents and captivating videos for remote students.

It is time to take those to the next level! Let’s learn to create documents and videos that provide an equitable learning environment for all learners. In this workshop, Angie Berna Milliren and Dr. William Beasley will walk you through the steps to creating accessible documents in Word and Google Docs. We will guide you through easily adding closed-captioning to those videos on which you spent hours making. Finally, we will review best practices in BlackBoard for creating pages.

Presenter: Angela Milliren West Virginia University
Angela has been teaching technology and music in the public school system for 22 years. She holds a master’s degree in Multimedia Technology and is pursuing a doctorate at West Virginia University in Instructional Design and Technology. She is an Apple-Certified Teacher and Google Educator. She is a contributor to the Adobe Education Exchange and is a past National Ambassador for Digital Promise. Most recently, Angela completed an educational research project through the Apple Distinguished School program.

Presenter: William Beasley Dr. Beasley has taught Educational technology for more than 30 years and has taught online classes for more than 15 years. He now teaches Instructional Design at West Virginia University, where he specializes in helping design and create online courses. The seed for this presentation was planted when he realized that despite all this experience, many of the documents in his online courses were not properly accessible to students with disabilities.

Regular Session
Topic Area: Accessibility
Audience: K-12, Higher Ed, Government, Non-profits

CREATING A CULTURE OF PROFESSIONAL LEARNING WITH APPLE TEACHER

Learn about Apple Teacher, a free professional learning program designed to help teachers get the most out of their iPad or Mac. In this hands-on session, explore how to integrating Apple Teacher to support the ongoing professional learning needs of your school.

Presenter: Jessica Garrigan, Apple K-12 Educational Leadership Executive
Regular Session
Topic Area: Professional Learning
Audience: K-12

INFOBASE IS YOUR FIRST STEP WITH RESEARCH

Infobase offers high quality digital content, accessible anytime and anywhere. Focusing on two major resources getting a lot of attention right now, Source Reference and Learn360, Greg will be showing how Infobase addresses a 21st Century-Skills mindset and how we are supporting educators in preparing students for any kind of research and/or the rigors of academia by building their confidence in cultivating essential information literacy skills.

Presenter: Greg Ricci, Infobase
Greg is a representative of Infobase Holdings, Inc., a premier provider of online databases, eBook collections, and streaming video collections, where he has been working in the education space for just over 15 years now across the K12, Academic, and Public library settings. Starting off in a sales role he switched focus onto now; helping educators and librarians to make connections throughout the Infobase suite of services with product trainings and demos, and supporting the education space with professional development on digital best practices.

Regular Session
Topic Area: Information Literacy
Audience: Middle School, High School

MOVING + MINDFULNESS

You will have the opportunity to enjoy a 20-30 minute gentle yoga flow, while also learning about how you can use mindful practices and techniques to engage with your students when they return to school for the new year. After our yoga practice, Melissa will share how districts across West Virginia are using Newsela’s Social Emotional Learning Collections to support their students and teachers in the classroom.

Presenter: Melissa Perlman Newsela
Melissa has been working in Education for over 20 years. Melissa works with districts across West Virginia in providing engaging content that supports all disciplines through the lens of literacy. Newsela provides engaging content on its platform at five Lexile levels so that all students have the opportunity to access content at their ‘just right’ reading level. Melissa is also a 200-hour Prana Flow™ certified yoga instructor. She has also recently received her certification in Restorative yoga.

Roundtable Session
Topic Area: Social Emotional Learning
Audience: K-12

STRING US ALONG ON TALES TOLD IN TWINE

This session will demonstrate how to use the free software Twine to create a simple story-driven videogame with no coding knowledge. Dr. Sullivan and Professor Rucker are instructors at Marshall University and help coordinate the annual SCORES Digital Humanities contest. In this presentation we will

demonstrate to teachers how they can develop narrative-based videogames with their students. We will also discuss ways instructors can develop Twine games to deliver instructional content. An overview of the free Twine software used to make the game before walking attendees through the process and sharing some student-created examples. Attendees are invited to bring their own laptops or tablets to follow along and build their own short games.

Presenter: Nathan Rucker, Marshall University

Nathan has been an instructor at Marshall University, where he received his Masters, since 2016. His interests include pop culture and digital technologies. He has been helpful in introducing general education majors to Digital Humanities through his Advanced Composition and general education-focused literature courses.

Presenter: Margaret Sullivan, Marshall University

Margaret is a Visiting Assistant Professor of English at Marshall University. Her research interests include British Modernist literature, queer and religious studies, and digital writing. Margaret has published in Virginia Woolf Miscellany, Literature and Theology, and The Journal of Religion and Film.

Regular Session

Topic Area: Pedagogy

Audience: Middle School, High School, Higher Ed

CREATING A STUDENT DRIVEN OER DIGITAL

Design Across the Disciplines: Learning the value of communication design through practice" is an OER (open educational resource), digital textbook under prototype testing in a media design course. The text is created in collaboration with a librarian, two faculty from different colleges and two students who have completed the course. This interdisciplinary team was formed with the directive to embrace the powers of design thinking through digital content to develop a product that truly recognizes the needs of the primary users, our students and key stakeholders, the faculty. Several semesters of student feedback provided the insights for considering textbook cost; the need for continual access to the text even after the course is completed; simplicity of use; and the need for multi-modal content. From this feedback, the design evolved to employ the chunking of content with scalable vector illustrations; limited and direct text; short, highly directive instructional videos; and assessments that provide internship and employment artifacts that are evidence of a student's digital design capabilities. The design is a prototype in action being tested in class as well as through a research study on faculty perceptions to OER textbooks. The execution of this textbook is based not only in the empathetic approach to gathering user needs through the employment of several prototypes and observations, but also through student and faculty interviews to determine desirability, viability and feasibility conditions for success. This presentation shares what a librarian, marketing professor, design professor and graphic design student learned through a two-year process in developing a OER digital textbook.

Presenter: Chris Ingersoll, Marshall University

Chris is an Associate Professor of Advertising and Design in the W. Page Pitt School of Journalism and Mass Communications at Marshall University. After

twenty years working as a designer, Chris embraced teaching live design courses sixteen years ago. She started her career in the traditional X-ACTO knife and technical pen production methods until she was bluntly introduced to a Macintosh II computer and a copy of Adobe Illustrator 88. A developer, teacher and reviewer of online courses for over twenty years, she is currently working with two remarkable students, a marketing colleague and a librarian on the creation of a student-centered, non-textbook, textbook for open source delivery.

Presenter: Larry Sheret

Larry is the Scholarly Communication & Open Educational Resources Librarian at Marshall University. His focus has been on working with faculty to participate in open access publication by posting their scholarly publications in Marshall Digital Scholar (MDS), Marshall's open access institutional repository. He works to ensure that publisher's copyright requirements are honored while encouraging faculty to exercise their right to make their pre-published manuscripts available online. Professor Sheret also works with faculty to improve their students' information literacy skills so they can find the best information in the shortest period of time. He has worked at MU since 2011 and prior to that he worked at Western State College in Colorado and Central Arizona College in Arizona.

Regular Session

Topic Area: Pedagogy

Audience: K-12, Higher Ed

ALL ABOUT ESPORTS WITH BYTESPEED

Dixon Schwan from ByteSpeed, along with Logan Harrison from Glenville State College, will take a deep dive into educational esports programs and the best IT practices to ensure success, including hardware and network configurations. We'll also review how to support coaches and players in ways like esports space design and independent game client management.

Presenter: Dixon Schwan, ByteSpeed

Dixon has been with ByteSpeed for three years and has managed the WV region for two years. When not busy at work, he can be found coding, watching or playing hockey or football, or spending time outdoors.

Presenter: Logan Harrison

Logan is the director of Esports at Glenville State College in Glenville, WI.

Regular Session

Topic Area: Esports

Audience: K-12, Higher Ed

AWESOME APPS FOR TEACHING AND LEARNING

Use of mobile technologies is rapidly expanding within our schools and workplaces to facilitate information access, to document learning, to stimulate creativity, and to expand communication, among other accomplishments. Mobile technologies, like iPads, make it possible to

integrate new things, like augmented and virtual reality, into our teaching and learning experiences. This session is designed for teachers and teacher educators interested in learning more about iPad apps that allow students to creatively explore content and demonstrate their content knowledge. Participants are encouraged, but not required, to bring their own iPads in order to have a more hands-on experience.

Presenter: Lisa Heaton, Marshall University

Lisa is a faculty member in the College of Education and Professional Development at Marshall University. Her teaching focuses on providing instructional technology experiences for graduate students pursuing master's and doctoral degrees.

Presenter: Tina Allen, Marshall University

Tina Allen is a faculty member in the College of Education and Professional Development at Marshall University. She serves as director for graduate programs in Curriculum & Instruction.

Regular Session

Topic Area: Apps

Audience: K-12, Higher Ed

DAY 3: WEDNESDAY, JULY 14TH

PANHANDLING FOR STUDENT ENGAGEMENT: UTILIZING MULTIPLE ASSET TYPES

Infobase has been supporting libraries, classrooms and communities for decades. In this session we will talk about the multiple ways that students learn, different asset types that speak to each learning style, and examples of how Infobase is meeting this variety of needs to find that moment inspiration and engagement with your students.

Presenter: Greg Ricci, Infobase Holdings, Inc.

Greg has been with Infobase for 17 years and brings a wealth of knowledge having worked within the College, Public, and K12 libraries helping to increase usage & engagement and ultimately streamlining efforts to get information into the end-user's hands and increase engagement.

Regular Session

Topic Area: Distance Learning

Audience: K-12, Higher Ed

SMART CITIES, SMART CAMPUSES, AND BUILDING COMMUNITY ENGAGEMENT THROUGH PUBLIC-PRIVATE PARTNERSHIPS

Presenter: Garrett Bradlyn

Session Type: **Regular**

DIGITAL PHOTOGRAPHY & SCANNING

Looking to improve your photography? Wanting to take advantage of the native Apple Camera and editing apps? Need to produce better scans? Dreaming of becoming a Social Media influencer? No matter your reason, join me for a session on photography and editing basics. Demonstrations will utilize the native Camera app and editing options on an iPad.

Presenter: Maggie Fisher, Tyler County Schools

Maggie is a Library Media Specialist at Tyler Consolidated Middle/High School. She also works with the Tech Department to maintain iPads, answer 0365 questions, and provide a variety of photography, graphic design, and vinyl products and services.

Poster Session

Topic Area: Apps

Audience: K-12, Higher Ed, Government, Non-profits

DISCOVER THE FUTURE OF IMMERSIVE ACTIVE EDUCATIONAL SPACES

Lü and Advantage Technology invite you to discover Lü's groundbreaking immersive educational space and its peer-based online platform in a one-hour session. Lü Interactive helps educators foster smart and curious children by engaging their intelligence and learning styles using compelling activities to develop confidence, empathy, self-esteem, interpersonal skills while physically involving them.

Presenter: Pete St-Onge

Topic Area:

Audience:

PERSONAL DESKTOP ORGANIZATION AND ADHD

Details on how and why I operate as I do will be provided, along with examples of what others might try to keep from being overwhelmed by a) too many apps, b) too many tabs, c) too many anything else. The key principle is simplification and speediness. An ADHD brain has a shorter time for initiation than typical, meaning tasks must be started immediately, if possible. How one organizes their physical desktop, if applicable, and Windows Desktop should reflect the need to accommodate ADHD in the workplace.

Presenter: Gustavo Keener

Regular Session

Topic Area: Apps

Audience: Higher-Ed

EVERYONE CAN CREATE - IGNITE CREATIVITY WITH IPAD

Join us to learn about Everyone Can Create, a program from Apple designed to help unleash the creative potential in every student through photography, video, music, and drawing with iPad. In this session, you'll get hands-on with some of the music and drawing lessons.

Presenter: Jessica Garrigan, Apple
Apple K-12 Educational Leadership Executive

Regular Session

Topic Area: Pedagogy

Audience: K-12

UNIVERSAL DESIGN FOR LEARNING IN HIGHER ED: WHAT? HOW? WHO? WHY?

At first look it might seem like Universal Design for Learning is an impossible task. But a closer look will show that it's really not that hard after all. So how do faculty meet the needs of all kinds of learners without getting overwhelmed themselves? This session will clear up some common misconceptions about UDL in higher education (online and face-to-face) and provide suggestions and tips to help you implement it in your courses.

Presenter: Lydia Mong, West Virginia University
Lydia is a senior instructional designer in the WVU Teaching and Learning Commons. She has been designing instructional content in both face-to-face and online environments for more than 35 years. Her role at WVU involves assisting faculty with online course design and development. She also teaches Readability in Online Courses for graduate teaching assistant students. Lydia is a QM peer reviewer and has earned the credential for Effective Teaching Practices with the Association of College and University Educators.

Presenter: Eric Lemley

Eric is a Program Coordinator for the Teaching and Learning Commons at West Virginia University and a former Teacher and Technology Integration Specialist in K-12 Schools. Eric's work is focused on improving online instruction through professional development and support for Instructors.

Regular Session:

Topic Area: Pedagogy

Audience: Higher Ed

FORTINET, KEEPING STUDENTS, FACULTY, AND STAFF SECURE

Fortinet secures the largest enterprise, service provider, and government organizations around the world. Fortinet empowers its customers with intelligent, seamless protection across the expanding attack surface and the power to take on ever-increasing performance requirements of the borderless network—today and into the future.

Presenters: Michael Campesi

Co-Presenter: Allen Surface

Co-Presenter: Justin Bell

Session Type: **Regular**

ENGAGEMENT IN THE PROMETHEAN ACTIVCLASSROOM

Are you returning to in person learning? Remaining remote? Perhaps you are doing a bit of both through a hybrid learning model. Come and explore Promethean's Classroom Essential apps in an interactive session! We will explore all of the Promethean Classroom Essential apps with a focus on leveraging the Screen Share application for collaborative and engaging instruction in your classroom this fall.

Presenter: Molly-Armine Holston, Promethean

Katie is an Education Consultant for Promethean and resides in Pittsburgh, PA. She received her Bachelor's Degree in Mathematics and Masters of Art in Teaching (Secondary Mathematics) Degree from the University of Pittsburgh. Katie taught for 10 years in a suburb just outside of Pittsburgh in a middle and high school. She taught secondary mathematics, business, computers, and information technology, and family and consumer sciences. She taught with Promethean hardware and software for her entire teaching career. Katie loves to share her love of Promethean with other teachers so they can see the benefits in their classrooms!

Regular Session

Topic Area: Pedagogy

Audience: K-12, Higher Ed

MICRO-CREDENTIALING STRATEGY USING BRIGHTSPACE AWARDS

Why think about micro-credentials in education? Micro-credentials verify, validate, and declare that specific skills have been achieved. Many educational institutions are beginning to think about digital transformation (Dx). As we enter the new normal, institutions are witnessing a shift in perception about providing the best value and making adjustments to the teaching and learning models rapidly engaging online.

This presentation will discuss a strategy to provide micro-credentials within Brightspace for use in an existing degree program; continuing education; or professional development to help ensure learner success. We will engage in a live demonstration how the Awards tool can be used in Brightspace to accomplish this.

Presenter: Dan Semi

A D2L Solutions Engineering team member primarily supporting existing Higher Ed clients for over 9 years. He enjoys working with challenges to provide solutions to maximize client potential for success with Brightspace.

Regular Session

Topic Area: Micro-credentialing, Skills

Audience: High School, Higher Ed, Government, Non-Profit

EMPOWER YOUR STUDENTS WITH VOICE AND CHOICE

Student choice is about more than just a menu option. It's about student ownership. This includes ownership of the processes, the assessment, the strategies, and the metacognition. But how do we make this happen? How do we fit this into our standards and our curriculum map? In this keynote, we explore how to make student voice and choice a reality.

Presenter: John Spencer, Spencer Creative Services

Dr. John Spencer is a former middle school teacher and current college professor who is passionate about seeing kids reach their creative potential. He is the co-author of the bestselling books *Launch*, *Empower*, and *Empowered at a Distance*. In 2013, he spoke at the White House, sharing a vision for how to empower students to be future-ready through creativity and design thinking.

DESMOS: NOT JUST FOR THE MATH CLASSROOM ANYMORE

While Desmos is frequently seen as a mathematics tool, their interactive lesson site can be used by teachers and students of all grade levels and subjects. Desmos Activity Builder can be used to create immersive digital activities where students can answer questions with text, card sorts, multiple choice selections, or sketches - and the teacher can see and comment on them in real time. This can be a powerful tool in a "normal" classroom setting, in a remote learning situation, or even as an independent

assignment. Participants in this session can expect to interact with the features of Desmos as a student before having the opportunity to create their own activity.

Presenter: Jessica Thomas, University High School

I am a math teacher at University High School. I love incorporating technology into math lessons to make them more interactive and engaging, and to help students see the "why's" of math. I was formerly a presenter for Infusing Technology Conferences through the WV Center for Professional Development and enjoy teaching others new tech tricks!

Regular Session

Topic Area: Apps

Audience: K-12, Higher Ed

LESSONS LEARNED: GROWING COMMUNITY IN A VIRTUAL WORLD

Within a school or district, community is important to build capacity, sustainability, and continual growth. Join Brian and Jenn as they discuss how they helped navigate the pandemic in Jefferson County and what lessons they have learned to inform future practice. The Jefferson County coaching group led teachers through planned professional development, coffee chats, and guest speakers to boast teacher knowledge of instructional technology resources and lesson design elements. They will highlight some of their best kept resources and next steps taken. Join us!

Presenter: Jennifer Rowan, Jefferson County Schools

Jennifer is a National Board Certified Teacher and a Certified Education Technology Leader. Her research work is focused on school leadership and the role of technology integration. She earned her PhD in Educational Leadership at George Mason University. Prior to her years as a Director of Technology, she was an Instructional Technology Coach and English Teacher.

Regular Session

Topic Area: Instructional Design

Audience: K-12, Higher Education, Government, Non-profit

USING SOCIAL MEDIA DURING COVID-19 TO INCREASE FAMILY ENGAGEMENT IN TIMES OF ISOLATION

Social media often causes school systems to "hide their heads in the sand like ostriches." However, social media is a powerful tool to engage families, and this has never been more true than during the COVID-19 Pandemic. In WV, on March 13, everything changed and school systems had mere hours to decide how to meet the basic needs, including food, instruction, and social-emotional support. The former Director of Special Education and Student Support Services will walk participants through a community engagement FB page that connected a rural, high positive district with continual food, instructional support (with partnerships with businesses and

non-profits), and social-emotional support for parents, students, and the community.

Note: The FB page acted as a hub for these services. The presentation will also discuss other forms of technology and social media that were used for these purposes that are free and available for schools and communities.

Presenter: Rikki McCormick, South Carolina Department of Education
Rikki is an Education Associate in the Office of Special Education Services for the South Carolina Department of Education. She was previously the Director of Special Education and Student Support Services for Lincoln County in Hamlin, WV. She completed her undergraduate degree in Sports Medicine/Athletic Training at Concord University and has done her graduate work at Marshall University (M.S. Special Education, Ed.S. Curriculum and Instruction, Ed.D. C&I with an emphasis in Educational Technology). Dr. McCormick's dissertation focused on Twitter's uses in education. Her research interests include auditory processing disorder, D/deaf education, trauma-informed care, youth mental health, educational technology, and digital citizenship. She can be reached by email at lowerem@yahoo.com or Twitter@DrRikki908

Regular Session

Topic Area: Apps

Audience: K-12, Higher Ed, Government, Non-profits

"DO. OR DO NOT. THERE IS NO TRY." LAUNCHING A VIRTUAL COMICON IN A PANDEMIC

Imagine a conference where over a thousand people of all ages are dressed in science fiction, comic hero, TV/movie character, or pop-culture costumes. You can see them laughing and talking while mulling about campus buildings filled with artists, authors, displays, craft and collectible vendor tables, bands, gaming areas and simulations, panel discussions, LARPing expositions, cosplay contests, and more. Now imagine putting most of this online in some fashion and you can understand the challenges that the Marshall University HerdCon team faced when moving an annual event to a virtual format in the middle of a pandemic. Join us for a candid discussion as we share our experiences with our recent HerdCon event during the spring of 2021. Despite the obvious hurdles, creativity and hard work allowed us to successfully provide the MU students and the local community with a unique online Comicon.

Presenter: Monica Brooks, Marshall University
Monica is the Associate Vice-President for Online Learning and Dean of Libraries at Marshall. Having worked in WV's academic libraries for over 30 years, she is a past president of the WV Library Association and currently serves as MU's representative to the national Quality Matters program, WV Virtual Learning Network, WV Electronic Resources statewide library consortium, and is a member of the WVROCKS instruction team.

Presenter: Kacy Lovelace
Kacy Lovelace is an Assistant Professor/Research, Instruction, and Student

Success Librarian at Marshall University. Her research interests include information literacy and assessment, physical and mental health and wellness, nontraditional student support, and both academic and non-academic student success.

Presenter: Heather Lauer

Heather Lauer is the Undergraduate librarian at Marshall's South Charleston Campus in West Virginia and the founding Co-Chair of HerdCon in Huntington, WV. She received her BA in English at the University of Florida and her MLS at the University of South Florida, respectively. Currently she is enrolled in Marshall's Leadership Studies doctorate program. Heather sees her role as a mixture of an outreach/teen services librarian sitting in an academic reference librarian's desk.

Regular Session

Topic Area: Distance Learning

Audience: K-12, Higher Ed, Government, Non-Profit

HOW TO BUILD WORDPRESS WEBSITES USING BEAVER BUILDER

Beaver Builder is an intuitive WordPress website builder. Learn how to build web pages with a simple drag-and-drop interface. This presentation walks you through the basics of web design and will provide a live demonstration of how to use Beaver Builder. (No coding experience necessary)

Presenter: Anthony Tran, Beaver Builder

Anthony is the Director Marketing for Beaver Builder. He is also the founder of Marketing Access Pass web design agency, and AccessWP WordPress support service. Prior to becoming an internet marketing professional, he worked as an Operations Manager in the Automotive industry and was a Logistics Officer in the United States Air Force.

Regular Session

Topic Area: Web Design

Audience: K-12, Higher Ed

CODING CURRICULUM TO ENGAGE EVERY STUDENT: TIPS AND INSIGHTS

Are you looking to design a coding curriculum that will keep all students excited and engaged while learning and progressing in an intentional way at the same time? Let's face it, this is a very challenging task, but with the right tools and resources it doesn't need to be.

Typically curriculum that's engaging and/or entertaining quickly becomes too easy for some and curriculum that's robust and/or comprehensive is too dry and complicated for others. On top of that, students learn best in a variety of ways, so approaching your coding curriculum in a "one size fits all" way will fall short for your students. Join us as we discuss coding curriculum

best practices and must have features of programs that will bring your curriculum plans to life!

Regular Session

Topic Area: Web Design

Audience: K-12, Higher Ed

KEEPING ALL STUDENTS ENGAGED WITH DESMOS

Using Desmos Activity Builder can give all students the opportunity to showcase their thinking and reasoning. This interactive presentation software allows all students to manipulate graphs and other visual tools and then input their own conclusions in their own words - keeping everyone engaged in learning! Participants in this session can expect to try some of these interactive tools on their own before having the opportunity to explore pre-made activities on their own to think about how they might keep all learners engaged.

Presenter: Jessica Thomas, University High School

I am a math teacher at University High School. I love incorporating technology into math lessons to make them more interactive and engaging, and to help students see the “why’s” of math. I was formerly a presenter for Infusing Technology Conferences through the WV Center for Professional Development and enjoy teaching others new tech tricks!

Regular Session

Topic Area: Apps

Audience: Math Teachers, K-12, Higher Ed

IMAGES FOR ONLINE CONTENT

This presentation will cover the basics of what you need to address when selecting images to use online. It will address image purpose, quality, size, accessibility, image sources, and how to determine if they are copyright safe to use.

Presenter: Gabriela Martin Barbosa, West Liberty University Instructional designer, passionate about online education. Involved in the planning, development, and delivery of courses and instructional material for over fifteen years. Trained QM reviewer. And, dedicated to providing the best technical assistance and experience for instructors and students.

Regular Session

Topic Area: Distance Learning

Audience: K-12, Higher Ed, Government, Non-Profit

GET THE GOOGLE GOSSIP! DID YOU HEAR WHAT’S NEWS? DID THAT REALLY HAPPEN?!

In this session you will learn the latest Google gossip in what’s new, what’s going away, and what has updated. Find out about new opportunities for leadership with Google in West Virginia, get exclusive tidbits on educational tools, and leave with something to talk about!

Presenter: Teena Hine, Google Educators Group

Regular Session:

Area Topic: Pedagogy

Audience: K-12, Non-profit

THE ROLE OF THE SCHOOL PRINCIPAL AND ONE-TO-ONE COMPUTER INTEGRATION

Conducted with a mixed methods approach to learn about the attitudes and perceptions of identified innovative school leaders and their respective professional staff in a ubiquitous learning environment where all students are provided access to learning devices. While school districts, communities, and students are prepared for the use of technology in classrooms, principals remain largely untrained in preservice and in-service with respect to innovation and technology use. However, a link exists between the use of technology by school leadership and teacher practice. The research showcased the similarities between identified innovative school leaders and self-reported measures of teachers using devices in the classroom to help build 21st century skills among their collective students, regardless of the programmatic level.

Presenter: Jennifer Rowan Jefferson County Schools

Jennifer is a National Board Certified Teacher and a Certified Education Technology Leader. Her research, work is focused on school leadership and the role of technology integration. She earned her PhD in Educational Leadership at George Mason University. Prior to her years as a Director of Technology, she was an Instructional Technology Coach and English Teacher. In her spare time, she enjoys life with her husband, son, and dog on the lake.

Regular Session

Topic Area: Leadership

Audience: K-12, Higher Ed

KAMI - WHAT CAN IT OFFER THE MATH CLASSROOM?

Join in as Kami Hero Sophie guides you through an interactive Kami experience. Learn how your students can easily explain their thinking and show their work using Kami tools. Watch how Kami can be utilized to transform any existing document into an interactive learning experience in the classroom or online. - kamiapp.com

Participate in this session two ways: interact or watch. To fully interact in this session, participants will need to have a laptop and Internet connection. A Kami account is suggested but not required to interact. All new Kami accounts receive an upgraded free trial for 90 days. Additionally, all participants in this session will receive a Kami Hero code that can be employed at the end of the first trial for an additional 120 days of the upgraded version.

Presenter: Sophie Youngs, Greenbrier County Schools
I am a Technology and Curriculum Specialist (TACS). As a TACS, I assist teachers with integrating/implementing technology/curriculum in their classrooms. Previously, I taught math, science, and technology for six years at middle schools in Greenbrier and McDowell Counties. I have two graduate degrees: one in Instructional Design and Technology from WVU and the other in Digital Media, New Literacies, and Learning from Fairmont State. I am currently a Kami Certified Educator and a Kami Hero.

Regular Session
Topic Area: Apps
Audience: Middle School

5 ICE BREAKER ACTIVITIES FOR DISTANCE LEARNING

Students are full of curiosity and untapped talent. Unleashing their curiosity through creative avenues allows learning to become visible. Apple's Everyone Can Create curriculum is the framework for the 30 Creative Activities for Student. The highly engaging activities challenge students to become makers and problem solvers. Each activity is easily adaptable into an icebreaker or warm-up. Activities work best with iOS devices (iPad or iPhone) but often adaptable to a Windows device as well.

Presenter: Brian Cook, Worcester County Public Schools District Instructional Technology & Innovation Coach

Regular Session
Topic Area: Pedagogy
Audience: K-12

SWAG



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