



## HSTI 2019 - Ongoing Conference Session List

Session Title	Session Description: A statement of the objectives, topic(s) to be included, etc.
Teaching in the Digital Age: How to Streamline Technology Instruction in a 1:1 School	<p>This session will focus on how to incorporate digital literacy into classroom instruction. Technology integration in a 1:1 school can be overwhelming for classroom teachers. Along with standards in the content areas, classroom teachers feel responsible for also including technology instruction.</p> <p>It can be overwhelming! Where do I start? How much should I cover? With skills and competencies in research, Google Apps for Education, keyboarding, cyber safety, digital storytelling...there's not enough time in my day?! How do I avoid gaps and overlaps in technology instruction?</p> <p>No worries! Come to the session overwhelmed, collaborate with your peers, then create a plan to take back to your District.</p>
Easy digital signage with raspberry pi	This session will focus on setting up raspberry pi 3b+ with FullPageOS to run a Google Slides for announcements.
Library Collaboration- Coding Drones	This session will focus on a library collaboration we've done at WMS for the last two years. It's been so AWESOME! Every single student in the 6th grade came through their Science class to the library to learn how drones are used in today's society, then practice coding their own drone with a partner. On the last day of the project we have a class wide competition to see who can code their drone to land in a designated square. The kids are always so creative and this has been the coolest and most fun project the library has ever done! I want to show you how to do this in your own school or library!
Technology & Infrastructure in New Construction	This session talks about how to work with the design and construction teams to help build a technology infrastructure that will last the lifespan of the new building.
Teach Globally, Work Lovally	I will describe the process for connecting with online companies such as VIPKID and give information and resources about applying. I will answer questions about issues like what time to work, how to be a brick and mortar and online teacher, getting TESOL certification. I will have starter kits and SWAG for door prizes.
The Beautiful and Ugly of Social Media	This session will focus on the importance of teachers being the voice to students on what is beautiful and ugly about social media. I have a love/hate relationship with social media, and I believe wholeheartedly it is of utmost importance that we take time to share with students the right way to use social media for the better not for harm. You will be able to share the information from this session with students in your classrooms.

Design Thinking: Education & Innovation	<p>Science and technology have progressed logically for hundreds of years, each innovation building atop former ideas and inventions. In the past half century, there has been a Digital Revolution that launched an Information Age the world had never seen, but this momentum is slowing and could expect to continue until the next modern revolution. So how might we prepare our students to become the next innovators of the modern world? Design Thinking. Design Thinking is a human-centered, hands-on approach to problem solving that focuses on understanding the user and develops through a process of questioning, ideating, prototyping, and testing. Design Thinking has been adopted by some of the leading innovators in the world such as Apple, Google, Samsung, and GE, and is being taught at many universities including Stanford, Harvard, MIT, and the local JBU. Design Thinking in the classroom allows learners to solve complex problems collaboratively and push past boundaries to see new possibilities in technology and in themselves.</p>
Coding with Google	<p>This session will focus on raising educator's degree of coding skills with block-based coding using Scratch. This session will explore Google's CS First - a coding curriculum. Educators will be introduced to CS First and the variety of lessons and resources used to teach coding.</p>
Coding in the Classroom	<p>This session will focus on how to incorporate coding into the classroom. Learn how our students have used coding practices in Literacy, Math, Social Studies, and Science lessons. We will talk about Spheros, Dash, Ozobot, and Hummingbird robots. We will also talk about free resources for coding in the classroom.</p>
Assessment, Engagement, and Organization: Technology as the Teacher's Best Friend	<p>This session will deliver current and usable information on three major components of educational technology - assessment, engagement, and organization. Focus will be put on new and innovative apps and websites that assist teachers in creating a climate for organized blended learning, high student engagement, and real assessment. Participants will leave the session with a list of resources and the knowledge on how to effectively use technology to better create and sustain a blended learning environment.</p>
Using Technology to Amplify Student Voice	<p>This session will focus on the fact that every student has a voice, but not every voice is heard. How do we, as educators, ensure that all students have equity and access in their educational experience? How can we use technology to give students a voice and build relationships? How can classrooms interact with technology in a way that draws people closer together and creates a community of learners instead of isolating students from each other and their teacher? In this session, I will demonstrate how to build relationships using the G-Suite for Education, as well as how to gain insight into your students, quickly and easily provide meaningful feedback, differentiate instruction, and practice authenticity with your students. Attendees will not only leave with inspiration, but also with all the materials shared digitally for use in their own classrooms.</p>
Elementary Students Code with Bee Bots	<p>This session will focus on beginning coding skills for elementary students using Bee Bots. Activities apply to Math, Science and Literacy skills.</p>
Nothing but A G-Thing Baby! Capitalizing on Apps and Extensions for an Explosive G-Suite Experience.	<p>This session will focus on add-ons and extensions that will improve your G-Suite Experience.</p>
The Real Cost of Technology Integration	<p>This session will focus on what it truly cost a District (monetary and human capital) to integrate technology and how to successfully get through it.</p>
Work Smarter- Not Harder!	<p>This session will focus on different websites to be used in the classroom to make your life easier. I will demonstrate several websites to use for aiding in making your classroom more tech friendly- while taking some of the work off of you. Websites included will be Edulastic.com, Freckle.com, Prodigy.com- just to name a few. This will also help in test prep for the ACT Aspire test.</p>

Bolt Into Coding using Sphero	This session will focus on using the Sphero Bolt to teach coding and incorporate STEM education into the curriculum. Various projects using Sphero with General Education curriculum, coding, and STEM will be discussed and examples will be shown. Attendees will be given the opportunity to connect to a Sphero Bolt and and code the app controlled robot to perform simple tasks.
A Beginner's Guide to Flipping Your Classroom: How to reach students on all levels through technology.	This session will focus on how to use technology to delivery instruction to students. We will focus on the use of Google Classroom to deliver and support your lessons in your classroom. We will discuss the benefits of flipped classrooms as it pertains to students on all levels, including those with modifications. Participapants will need to bring a tablet or computer to access information during the session.
Unplugged Coding in Lower Elementary	This session will focus on the implementation and use of unplugged coding devices in the lower elementary classroom (code-a-pillar, Bee Bot, Botley, Osobot, and Adafruit circuits).
Technology for Distance Education	This session will focus on creating lessons on an iPad for personalized learning or distance education learning. Teachers will learn about new apps and different ways to create video lessons.
Make Your Assessments the GOAT! Using digital assessments to keep students interested in being assessed	This session is about looking at formative/summative assessments that are digital and feed into the way a student learns today. First, we will look at how a student's brain works and what makes a good assessment. We will also look at many new and upcoming assessments that teachers will be able to use in their classrooms the next day. Finally, we will participate in a formative assessment that is my favorite to use. My goal is to help other teachers get familiar with using digital assessments.
Coding in the Math Classroom	Coding can help children build math skills and make learning math more engaging and fun. We are going to explore some ways to incorporate coding into the math classroom. Coding requires many of the same skills that we use in math, such as critical thinking and problem solving. We will be looking at Ozobots, spheros, and some additional coding websites you can integrate in the classroom (code.org, ScratchEd, and bootstrapworld.org)
Google Form Escape Room	Let's face it....a skill that would be beneficial to any subject in any grade for our students would be their ability to problem solve. The development of critical thinking and being able to solve problems is the biggest asset to any student. You can promote this kind of development and challenge your students using an Escape room. We will show you how to set up your own escape room using the Arkansas state standards through Google forms.
Class Online: Teacher as the guide on the side	This session would present multiple uses for the website Padlet, an online discussion board that can be adapted to teach a lesson entirely online. Teachers are able to present complete lessons from bell ringer to exit tickets as well as assign homework through the site. It is user friendly for students and easy to set up and monitor for teachers. Ideal for low achieving schools or students with limited access to Chromebooks or computers and students who lack practice with keyboarding.
My Future's So Bright I Gotta Learn to Code	This session will focus on how to teach coding to elementary age students using various robots. This will be a hands-on, minds-on session. Participants will learn how to code different robots and learn different activities to use with students. Some of the robots used in the session include Spheros, Ollies, Makebot, Cubelets and more. Curious yet? Come check out all you can do with these amazing little robots.
Engaging Students in Learning	This session will focus on using technology to engage and challenge students. Free technology tools will be used to demonstrate how to creatively engage students in questioning and answering techniques, reviewing for tests, playing review games, competing in teams, creating projects, and in immersing students in learning. Attendees will leave the session with new ideas to use in the classroom for the upcoming year. Come and experience the engagement!
PlayVS Esports	This session will focus on the benefits of esports at your school, how to start an esports program, and how to effectively manage one of the most popular activities on campus.

Let Your Students Do the Talking Through Podcasting and Screencastify	Objective(s): Participants will learn the basics of starting a student-produced podcast and of using the app Screencastify to present and inform their peers and others. Topics: Podcasting and Videocasting at a novice level Relevance: Moving beyond posters, dioramas, and written reports/speeches to using modern media communication tools
"In the Beginning...A Novice's Approach to Google Classroom	This session will focus on the basics of setting up Google Classroom, including naming your classes, adding students, organizing your assignments, and much more. Teachers can move from fearing Google Classroom will give you freezer burn to learning how cool Google Classroom is (going from testing with your toe to diving into the deep end).
Innovative Digitally-Based Assessments	This session will focus on interactive test questions for assessments. We will explore integrated questions that use touch and stylus responses along with resources to download and create your own tests.
The Best Flip Grid and Collaboration EVER!	This session will focus on how junior high and high school students used Flipgrid to collaborate on a unique project to highly accelerate student engagement and increase mastery of skills. The project idea and tools used can be applied to any grade and any subject area. So, what are you waiting for? Get on the grid and connect your kids.
Inspiring the Next Generation of Tech Users	We realized that students were not enjoying our work and what we thought were great ideas for our fall semester. We decided to rework, how we were having our students complete projects and how these changes changed how our students enjoyed Input Technology and Technology Communications. Patrons of this session will receive practical tips, motivation, and inspiration, on how to rework a instructional activities using technology, in any subject area.  Our first major project was using Screencastify to do a quick video of only 30 second to 45 seconds to talk about Internet Safety. Students were given an internet safety video to watch, then from watching these videos, students were asked to research, by watching 3-5 other videos. After watching these videos, the students had to use Screencastify, by either videoing themselves or creating characters in Google drawings, to use in their videos.  Our students did amazing on this project. The data proved that our students were making learning gains.  We then split, Input Technology and Technology Communications, and had our students create interactive, flyers for Spring Break.  We would like to share how much fun we are trying to incorporate into our classes for 5-6 graders at McNair Middle School.
How to Bring Peardeck into your lesson	This session will focus on using the Pear Deck Add on.Pear Deck is a platform that showcases students learning and how they comprehend in the learning process. The attendees will learn how to use the add-on in Google Slides.
Reclaim Your Weekends with Google Forms and Flubaroo	This session will focus on Google Forms and creating assessments, exit tickets, worksheets, etc. It will also cover utilizing the add on "Flubaroo". This add on is a personal grader and it allows you to personalize your grades. Join this session if you are looking to "reclaim" your weekends.
Using Technology to teach literacy throughout the content areas	This session will focus on technology that elementary and mid level teachers can use in the classroom to teach literacy throughout the content areas. Attendees will leave with a list of resources of various types of technology to expose their students to literacy with the purpose of strengthening their reading skills, make literary connections throughout the content areas, and motivate them to become life long learners.

Using Google Tools for Administrators	This session will provide building level administrators tools needed to implement paperless informal teacher evaluations, attendance contact logs, and discipline referrals. Attendees will explore an informal evaluation form that sends instant feedback to the teacher as the administrator exits the classroom and discipline referral forms that notify the administration for office-referrals and/or detentions. Forms are created using google forms and sheets with add-ons. There will be time for discussion and sharing digital strategies that work in the districts of the attendees.
Google Classroom in Secondary Classrooms	This session explores technology-based assignments through the incorporation of Google Classroom and gives you tools needed to manage a paperless classroom. Using Google Forms in Google Classroom saves time in grading and provides instant feedback to the student and allows the teacher to see class and individual data with the click of the mouse. Assignments can be made available to absent students and are excellent methods for delivering AMI lessons.
Google Forms in the Secondary Mathematics Classroom	This session will focus on using extensions and add-ons to effectively use Google Forms in the Secondary Mathematics Classroom.
Making Google Sites Work for You	This session will focus on using Google Sites to promote your school, your class, and as a method of student assessment. It will also discuss integration of Google Sites into other Google Suites platforms.
Gameification - Games in the Classroom	How to include attention grabbing games in the classroom from online available games to DIY built games with Excel and a pencil.
PowerShell for ActiveDirectory Management	This session will focus on writing small PowerShell scripts to clean up and automate tasks in Microsoft ActiveDirectory. Searching for and disabling old/unused accounts, mass updating of various fields, and mass creation of accounts will be all be covered.
Discord for Esports	This session will focus on team communication for esports, and specifically the setup and maintenance of a custom Discord server for your esports organization. The online nature of competitive video games calls for a faster, more unified, organized, team-based approach to communication. Whether it's organizing club meetings or voice chat for tournament play, learn how to transform your Discord from a public chat room from the 90s into a platform for club announcements, team organization, and more!
PaperCut: More than just Print Management - Presented by ACDI	This session will focus on the print management solution PaperCut. We will discuss how this solution can ease the struggle of going 1:1 with devices as well as managing BYOD, how PaperCut integrates with the G-Suite to make life simple, and how the solution can help you centrally manage your fleet as well as assist with waste reduction, cost savings, accessibility, and security.
Beyond the Spreadsheet	This session will focus on using Google Sheets beyond spreadsheet calculations. I will be showcasing student work of 6th and 7th graders who followed the ready made lessons of Google's Applied Digital Skills curriculum. Attendees will learn how to set up conditional formatting for mystery pixel picture reveals for when students work on vocabulary, math, spelling, usernames, etc. Youngest learners love these activities. Student work of K-3rd graders will be shown. For those teachers short on time resources will be shared.
FORMing knowledge of Google Forms	This session will focus on creating and using Google forms efficiently in the classroom. Attendees will learn how to create forms to gather information, assess learning, and create engaging experiences for their students. Upon completion, attendees will be able to create and use Google forms in practical ways as well as interpret the results.
A Golden Ticket to Journey to Explore New Places - Presented by Synergetics	This session will focus on VR headsets that we will feature in an escape room setting to discover the location of a virtual journey. Participants will then engage in a virtual field trip through Google Expeditions using the VR Headsets as part of the session.

<p>Your Golden Ticket to a Journey to Explore New Places - Presented by Synergetics</p>	<p>This session will focus on VR technologies that we will demonstrate in an escape room setting. Participants will go through an escape room activity that will lead them to a location. The participants will then be lead on a virtual field trip of that location using the VR headsets using Google Expeditions during the session by the presenter. This is an activity that I created specifically with tools and items that any teacher could replicate easily for his/her classroom to make an escape room type of experience to lead up to a Google Expedition and engage the students. As part of the debrief, I will show participants how I created this and where I purchased the supplies to do this and how inexpensive this was to do. Many of the materials were free applications and tools. Other tools were easily purchased and could be found items.</p>
<p>Smart Omni Edge - Presented by Extreme Networks</p>	<p>This session will discuss the growing importance of the network edge, the part of your network that touches every device and user. The network edge has seen little innovation in the last 20-25 years. We still discuss the Core, Distribution and Access model, is often built piecemeal over time, is complicated and slow, hard to secure and provides poor visibility. In that time applications have moved from the PC to a networked or cloud resource, WiFi had become pervasive and security needs to shift to the edge. We will show you how to build a new network edge that will provide the intelligence required to properly manage the edge, has built in security, allow the automation of operations like VLAN or ACL creation, allow common configurations and workflow to be delivered to the network that ensure policies are consistent across the wired and wireless edge.</p>
<p>Automated Campus - Presented by Extreme Networks</p>	<p>This session will help you discover a better way to build a network. You can build a simpler, more secure, and more intelligent network that will help you:</p> <ul style="list-style-type: none"> <li>Meet requirements for increasing demand – New applications, IOT, mobility, enhanced security, analytics, and AI/Machine learning.</li> <li>Reduce time to solution – Planning around current network, moves/adds/changes, ongoing operational considerations consume time that could be better used to provide new/improved services.</li> <li>Managing complexity – piecemeal growth strategy, too many outdated tools and procedures</li> <li>Optimizing Security, reliability, resilience – build a fabric to increase security, that is self-healing, loop free, no spanning tree.</li> <li>Manage the protocols required from a traditional network that needs things like spanning tree, MPLS, OSPF, BGP, PIM, DVMRP are replaced with a single protocol.</li> </ul>
<p>Community Coding Clubs</p>	<p>This session will focus on implementing Community Coding Clubs in elementary and junior high schools. Focused on the 5-8 Arkansas Computer Science standards, teachers received training and tech tools to lead a 12 week after school program on coding. Funding was provided by the Arkansas Innovation in Computer Science grant, which paid for professional development, Ozobots, Sphero BOLTs and micro:bits. Format, program successes and lessons learned will be shared.</p>
<p>Engaging Students in Math Using TI-nspire Graphing Technology</p>	<p>This session will focus on using TI-nspire graphing technology to engage students in discovery activities for Algebra and geometry content. Participants will have hands on experience with the technology as we investigate fun activities that relate to linear functions and geometry.</p>
<p>OneNote Classroom Notebook - Who needs paper and pencils anymore</p>	<p>This session will focus on incorporating OneNote digital notebook platform for your classroom. Participants will learn how to create the notebook for themselves and for their students. This is a great way to bring together the students who love to take notes with the students who do not take great notes. Participants will also learn how the notebook can be used for assignments, with ease of grading. These notebooks come with a parent link, so parents will have access to everything their child does in class.</p>

Creating Great DESMOS Classroom Lessons	This session will focus on the education side of DESMOS, beyond what most people know as a great online calculator. There is a teacher, student and classroom lesson part of the application that provides teachers with the opportunity to interweave different material with interactive pages. The pages within the program have a variety of available content, from notes pages and interactive application to Q & A, for instant feedback.
Explore New Features in the Arkansas Student Intervention System (ASIS)	The Arkansas Student Intervention System (ASIS) is a free online tool that provides educators with an intervention workspace for all students. ASIS recently received an update, adding many new features to address changes in legislation and to improve the process of creating and monitoring intervention plans. New features include updated and customizable interventions, the ability to create intervention groups, the inclusion of K-2 and ELPA 21 data, customized local assessments, and document uploads. Interventions will be flexible enough to address Intensive Reading Interventions, academic deficiencies/accelerations, behavior goals, and intervention components of the Student Success Plan. Come see how ASIS can help you this school year!
Underwater Robotics and MATE ROV Competitions	Are you looking for a new way to engage your students in STEM? Have you ever considered underwater robotics? This session will introduce you to the world of underwater robotics and MATE ROV competitions ( <a href="http://www.marinetech.org">www.marinetech.org</a> ). The MATE competitions require students to learn and apply skills in multiple disciplines in order to complete real-world missions. Competition classes range from beginner to expert, so every organization from elementary schools to colleges can compete! Come see what it's all about and take a look at the ROV (Remotely Operated Vehicle) built by 5th and 6th grade students at Washington Middle School in El Dorado, AR!
G Suite Health Check - Open your mouth and say Google	The Admin Console has hundreds of policy settings and controls. Do you have them all set correctly for a K-12 space? In this technical session we will look at common pitfalls and best practices for getting your G Suite Admin Console set up appropriately for staff and students.
#RelationshipGoals	This session will focus on how to use technology to build relationships, student rapport, and rich classroom cultures. Perfect for any teacher looking to find some tools to use in the classroom to create strong relationships with their students, classroom culture, high student engagement producing increase results academically. Teachers will need a device to create a tool of their choice to use in their class. Appropriate for all grade levels and for teachers with basic computer skills.
What does it really mean for K-12 schools to move to the cloud?	In this session we will discuss how you can extend your network in to Google Cloud Platform. We will start with an overview of Google Cloud Platform, then move on to examples of K12 specific use cases we have implemented over the past few years. The session will end with a larger group discussion and Q&A with Amplified IT's Chief Cloud Architect. If you have questions about Disaster Recovery, Data Warehousing, or anything else related to Google Cloud Platform, bring them to us!
TwitterPD: A Personal Learning Community Via Social Media	This session will focus on extending learning, reflection, and partnerships (Personal Learning Communities, PLC) via Twitter beyond the traditional summer session PDs and school-year meetings and allows teachers to participate or not at their level of time and ability. Multiple conversations can be in-play about a number of topics from technology to classroom management to student engagement or subject/grade level content. Those same conversations are not limited to an hour or a session but can carry over to days and weeks, and partnerships.
Taking it to the Top: From AppCentric Lessons to True Cognitive Engagement	This session will focus on taking what might start as app-centric lessons and take them to a higher level of authentic, contextual learning and cognitive engagement. The core of the presentation will be focusing participants on designing authentic learning activities using mobile technology. Effectively, participants will dive deeply into collaboration activities that help them evaluate mobile-technology enhanced lessons that truly increase student engagement and cognitive engagement.

Enhancing your Curriculum with Real-World Problems and Engaging Technology	In this session, participants will explore ways to use problem based learning in their own curriculum. An example problem will be created and participants will engage in solving the problem using available and interactive technology tools. Discussion will ensue on how a real-world problem and technology integration could transform instructional practices using their current curriculum.
Encourage Exploration: Digital Scavenger Hunts That Inspire Inquiry	Are you looking for ways to inspire creative and critical thinking in your students? This session will guide participants through the process of constructing digital scavenger hunts for any grade level and content area that will encourage students through the process of exploring new information in your class. The session will give participants the opportunity to participate in a scavenger hunt, discuss the benefits of implementing this type of inquiry-focused learning in any classroom as well as in professional development for teachers, and help participants begin the process of creating their own digital scavenger hunts.
3D Printing Show and Tell!	This session will focus on what it's like to 3D print in the classroom. If you have a 3D printer or are interested in learning more, this class is for you! In this open discussion based session, we'll talk about amazing student projects, common troubleshooting issues, and how the 3D printing workflow actually functions at different schools - from robotics, to STEAM/Makerspaces to core subjects. Attendees will be encouraged to share the rewards and challenges of 3D printing to promote best practices for student success.
How does 3D scanning work?	How does 3D scanning work?
Data Security: NOT Just an IT Issue...	Equip yourself with tools and best practices to protect your colleagues and students in a digital world. The first half of this session will provide participants with more information about the ADE's Security Awareness Campaign and how to get involved. The second half of this session will provide participants with the FERPA basics needed to start the new school year.
Experience Virtual Reality in the classroom	This session will focus on the integration of virtual reality (VR) as a teaching resource. Attendees will learn about empirical research that determined the need for VR as an instructional teaching tool. Also, participants will engage in VR content and learn of the instructional methods used in an educational setting. Participants will see lessons currently used in the classroom and how to think "outside of the box" to develop relevant lessons using virtual reality experiences. After the presentation of theory and instructional practice, presenters will call for volunteers to demonstrate VR equipment (Oculus Go) use in a mock classroom.
Design on a Dime	Join this hands-on session where participants will be given a real-world problem and a box of "low tech" items. Teams will work together to create a solution to the problem and defend it to the rest of the teams. This session will provide inspiration for makerspaces of all shapes, sizes and budgets.
Get Certified	Join this session to learn how to become Google Certified. We will look at some sample test questions to see how ready you are to take the exam and explore resources to use if you aren't. As always, some Google updates and latest news as well.
Don't Let Class Be A Drag - Drop In For These Tips and Tricks	This session will have you exploring how to turn Google slides into an integrated work space for students. You will learn a variety of ways to use the master slide in Google slides to let students drag and drop their answers in their final presentation.
Is your 1 to 1 Technology Budget Unpredictable?	This session will share industry best practices on planning your 1 to 1 spend. In addition, attendees will discover ways to better control the expense of maintaining their technology.
Cyber-Bullying and Digital Drama	Join us to explore how to prevent cyber-bullying and digital drama among K-8 students. Collaborative tools (e.g. Google Docs, Popplet, etc.) enhance student learning, but they also provide a space for cyber-bullying. Gain ideas and resources to help students be good digital citizens as they use collaborative tools.

Top Tech Tools for Student Assessment	Join us as we share our favorite tech tools for assessing student learning. Discuss ways to efficiently use data to drive instruction. Leave with a variety of digital assessment tools to implement in your classroom right away.
Successful RTI Results Using Technology	How can schools achieve success with the RTI process? It is a real challenge to implement an RTI process for all students. The RTI process is intended to meet the student at the skill level they are and increase that skill level to grade level or above. It's mind-boggling to think about individually planning for a classroom full of students that need help on various levels and subjects. We have a program that combines technology with teacher interventions that will successfully assist your students to increase their RTI skills and boost their overall knowledge and success in school.
DIS Q&A	This session will be a round table discussion with your DIS APSCN LAN Crew. We will answer any questions and address any concerns you might have.
Cisco Umbrella – Q & A : Configuration, Reporting, and Troubleshooting	This session will cover CISCO Umbrella reporting and troubleshooting. We will also be available for general Q & A for Cisco Umbrella.
Cisco Umbrella Mobility (Introducing Chrome User and IOS Device Support)	This session will cover setting up mobility with Umbrella. We will also introduce the new Chrome User and IOS Device Support.
Group Policy Basics and Applications	Introduction to concepts for the use of Group Policy Objects within a Windows environment. At the conclusion of the session, participants will have a basic understanding of how Group Policy Objects are created and who they are used.
Did you Check Your Backups? Using Windows Server Backup/Restore Utility	In this session we will discuss different backup strategies and options using Windows Server Backup/Restore Utility.
Cyber Security on your Local Network	This session will to address recent Cyber Security Threats. We will have some tips and tricks for making sure your Local PC's are protected using the Local Windows Firewall.
Windows Server Hyper-V	This session will cover installing and managing the Hyper-V role and adding a Virtual Machine in Windows Server.
VPN vs RDP	This session will cover recent Cyber Security concerns with Windows Remote Desktop (RDP). We will discuss alternative solutions for remote access (management) to your network.
Password Administration	This session will focus on securing your networks and overall security. We will be discussing user permissions, firewalls, vlans, byod, the importance of regular updates on both servers and workstations, and much more.
Going Paperless with Google and Other Apps	How would your schools like to reduce the amount of paper used per year? We have been successful in incorporating Google and Google Classroom as well as several other free apps to streamline processes that significantly reduce paper usage within our district. We would also welcome round table discussions during this session to have schools work together to come up with their own combination of solutions to reduce paper production in their districts.
Google Level 1 – Google Classroom and Docs	Learn how to effectively use Google Classroom as your Learning Management System (LMS) with the most up-to-date version. Create your own documents easily and collaborate with peers and learn some tips on how to manage student work.
Google Level 1 – Google Sharing, Collaborating, & Networking	Learn all the ins and outs of what connects to what within Google. Presenters will review Gmail, Google Hangout, Google Groups, Google Keep, and more.
Google Level 1 – Google Sheets	Learn how to effectively manage and aggregate data through Google Sheets. Presenters will cover basic formulas and how to create quick graphs and charts.
Google Level 1 - Google Sites	Learn how to build and manage a Google Site and effectively use Gadgets so that you can create a Google Site for your classroom and/or club.

Google Level 1 – Google Keep, Slides, & Drive	Participants will review tips and tricks for Google Keep, Slides, and Drive. Presenters will outline exactly what they are, what they can be used for, and how to use them efficiently and productively.
Google Level 2 Tips & Tricks	In this session, presenters will provide suggestions for how to study for the Google Certification Level 2 exam. Google tools such as Google Scholar, Google Earth, and Google Draw will be reviewed.
Security Solutions for K-12	This will be a high level overview for Security Solutions for school districts, specifically CCTV, Access Control, and Visitor Management.
Beyond High School	This session will focus briefly on tools such as Twitch, Twitter, Reddit, and Discord to help students and teachers create a dynamic and diverse set of skills to succeed in high school and beyond. Whether the student is ready to move on to college or try their hand at going pro, there are a lot of different routes students can take and teachers can make that will help them for when they graduate.
StudentGPS Dashboards Group Manager Overview	Is your district ready to implement the Arkansas studentGPS Dashboard? Are you a studentGPS Group Manager or district system administrator looking for information on studentGPS technical requirements? This session will focus on the administrative setup and tasks for studentGPS Dashboards. Participants will review required district and users' setup, resources, error messages, and support.
StudentGPS 101 - Change Can Happen!	Technology and data alone will not drive student improvements. It is only when accurate data is accessible and applied to learning issues by educational leaders. Key questions can be answered: What are discipline issues? How often are students missing school? What are my students failing to learn? What can I do to ensure my students learn? StudentGPS 101 is an overview to the free data dashboards that are available to all districts in Arkansas. Are you ready for change?
Accessibility and The Everyday Classroom	This session will focus on how Access Technology merges with Assistive Technology to help provide ways for students with low vision and other disabilities to have success using tech that schools already have or is low cost. While the focus will be about those students with special needs, the discussion will also center around how this tech can possibly help any student. Assistive Tech items that can be made in the classroom will also be part of the discussion. Come and see how you might have more tools at your disposal than you realized for accessible tech in the classroom.
Immersive Learning Environments (VR, AR, MxR)	This session will focus on Immersive Learning Environments (ILEs) and includes Virtual Reality (VR), Augmented Reality (AR) and Mixed Reality (MxR) applications. Emerging quantitative and qualitative research reflect potential advantages of using ILEs in support of K-16 and other post-secondary learning environments. This breakout session will provide attendees with: a brief overview of emerging ILE research; hands-on opportunities with hardware (at least one Head Mounted Display and controllers); available free and proprietary applications; an ILE efficacy rubric; and, potential resources for educators to utilize in their classroom. The Pecha Kucha format (20x20) presentation will be available for attendees to review after June 10 at: <a href="http://www.virtualshaw.com">www.virtualshaw.com</a> .
Generate and Mail PDF's from Google Forms	This session will focus on using Google Forms to create and e-mail formatted PDF's. Attendees will create a google spreadsheet script to gather responses from a google form, insert those responses into a template, generate a pdf of the resulting document and then e-mail that PDF to the appropriate party based off of an answer in the original form.
The First Minute - Utilizing Technology to Automate Your Emergency Management Plan	Automating Your Emergency Management Plan
STEAM Instruction in Hot Springs Head Start	Learn how we incorporate STEAM in our instruction at Hot Springs Head Start (3-5 years). Coupled with discrepant events, we generate cognitive dissonance to challenge prior conceptions and exploit the "Wonderment of STEAM". See how we use Sphero (Ipad controllers), Dash, drones, flying gyroscopes, 3-D Printers, resurrection plants, and solar tubes in our STEAM activities.

Keeping Your Campus Safe with hybrid-cloud Video Surveillance	This session will focus on hybrid-cloud video surveillance. Traditional NVR-based systems are too complicated, too costly, and require IT support to maintain. Verkada's platform combines intelligent, plug-and-play security cameras with cloud-based software that's easy to use on any device. Verkada eliminates legacy infrastructure — such as NVRs, DVRs and servers — and requires no configuration to work securely in any network environment. See for yourself why hundreds of schools and universities have switched to Verkada.
Shutting the Door – Recognizing Attacks and Stopping Them	This session will focus on preventing cyber attacks. There is a process most, if not all, cyber criminals use to stage and execute an attack. Learning and understanding the various stages of the “kill chain” or attack is paramount to preventing a successful breach. Schools (K-12) have recently been a primary target for ransomware and general attacks. It is imperative that everyone be aware and cognizant of what those attacks look like, and what the results could be, if executed. This session will explain in detail the stages of attack, the possible tools that could be used to mitigate each stage of the attack, and how to use them. This presentation will be very generic except for one single slide at the very end which will list the Fortinet products that align with the tools needed to counteract each stage of the attack.
Digital Media for the Classroom and Beyond	The impact of digital media on how we communicate and share information on a worldwide scale in the 21st century cannot be understated. If you are interested in learning about new, innovative ways to utilize, store, share and even create your own digital media for use in the classroom, then this session is for you! Join Donnie Lee, Arkansas Online Media Initiatives Coordinator, for insight on different ways that you can use digital media for classroom instruction, project based learning, professional development, AML, flipped classrooms, special events and more. We will take a tour of online resources that you can use to store, share and broadcast educational media that are both safe for use in the classroom and provided to Arkansas educators at no cost. In addition, you will be given an overview of the free, open source software applications that Arkansas O.M.I. uses to help manage and create its own digital media so you can add them to your own “toolbox” of resources. We will discuss the technical issues commonly associated with the manipulation of digital media files and share useful tips, tricks and techniques along the way. We will also explore ways to get students involved in the digital media creation process with programs and events sponsored by Arkansas O.M.I.
EAST Tech Bash	This session will focus on getting your hands on emerging technology. This is not your usual session. Come to this one if you are tired of listening and want to experience a tech playground first hand. Participants will receive guided hands-on time with several emerging technologies including VR, 3D printing, Programming, and more.
Technology in the Lower Elementary Classroom	This session will focus on how you can incorporate technology in K-2 classrooms, but it can also be applied for upper elementary. We will show you some programs that we use at Glenn Duffy Elementary and how we roll it out to our kids.
Chromebook and IOT Cyberthreats	This session will focus on Chrombook and other IOT threats to your environment and how to mitigate those threats.
Merging data from different sources? VLOOKUP, baby!	This session will focus on using the vlookup formula to combine data from different sources in excel or google sheets. Data is a hot topic right now, and we are getting our data from several different sources. Learn to merge data from your cognos reports with assessment data to find differences or to create more comprehensive lists. Participants must already be comfortable with simple formulas in excel or google sheets.
Easy Homeroom Placement using Excel/Google Sheets	This session will focus on placement of students [primarily elementary] into homeroom classes without using paper forms and without hand-entry of course requests or homerooms in eSchoolPlus. You can use spreadsheets, software you already own, to do it all - acquiring teacher comments, assigning students to classrooms, and generating an upload file for eSchoolPlus.
I've learned Google Classroom... now what?	This session will take teachers to the next step after learning the how-to of using a learning management system (google classroom, canvas, blackboard learn, etc). Participants will walk away with knowledge about many of the key best practices they will need to know to better reach students.

Esports Coaching 101	In this session Bytespeed's Josh Knutson, a former collegiate esports coach for the University of Jamestown, will give attendees a crash course in coaching. Josh will share best practices on how to run the day-to-day operations of a new esports team, including how to run effective practices, how to improve in-game skills for both individuals and a team as a whole, strategic advice on how to create game-plans for scrimmages and competition, and how to prepare your high school esports athletes for the next step: collegiate recruiting.
Recipe for Fried Learning: G Suite Hyperdocs & Slides	I bet you are hearing the buzz around "Hyperdocs"...what are they, why are they awesome, and how do you make them? Come to this hands-on session to learn about one of the hottest trends in student-centered learning happening today. Then get prepared to make your first Hyperdoc to create a rich, self-directed student learning experience using G Suite tools with friEdTechnology (because everything is better friEd). LEVEL: Intermediate Skill Level
No Art Degree Required: Google Drawings for Everyone	Shapes, lines, images, text boxes, word art, and a resizable canvas are just a few features of Google Drawings. Join Amy from friEdTechnology to see how with just a few clicks you can create graphic images that will amp up your visuals. Walk away with lesson ideas for any classroom. You may only be scratching the surface of the possibilities. *No art degree required!
Discover Sony's KOOV, a robotics and coding STEM solution!	Sony is excited to share KOOV, an innovative robotics and coding platform that teaches STEM education while incorporating standards like NGSS, CCSS, math and language arts. Come learn how students are learning through designing and building robots and then making them come to life through Scratch block coding. This session will include a presentation, discussion, and hands on time with KOOV building to show how teachers without an background in robotics and coding can easily integrate KOOV into their classrooms. KOOV is ideal for grades 2-6.
Moving to Learn? Yes, Please! Learning, Movement, and Mindfulness with GoNoodle and GoNoodle Plus	GoNoodle.com 100s of movement and mindfulness videos improve student engagement and fuels learning. Research shows active students are more focused, productive, and have fewer behavioral episodes. GoNoodle's mission to get kids moving supports this research, but takes it one step further by making learning a whole body experience, core-subject fluency with GoNoodle is engaging, memorable, and proven to make a measurable impact. Attendees of this session will leave with a deeper understanding of how to utilize GoNoodle and GoNoodle Plus to increase engagement, focus, and fuel learning in their school and classroom.
VEX IQ and EDR Robotics	The VEX Robotics Competition is an exciting, worldwide, made-for-television robotics competition that teams professionals and young people to solve an engineering design problem in an intense and competitive way. The competition shows students that STEM fields hold many opportunities and that the basic concepts of science, math, engineering, and design are exciting and interesting. The design/build process and the competitions demonstrate that engineering and science can be as interesting, captivating, and entertaining as any sporting event. These experiences not only grab the imagination and attention of the participants, but are big enough, noisy enough, and fun enough to attract the attention of other students, mentors, businesses, and the community, which is one of the major goals of the VEX Robotics. Come learn and bring your questions to VEX expert, Daniel Ward II from VisualEdge Robotics, Inc., the oldest and most experienced VEX supplier.
Educator mindset--5 Powers of an Educator	Mindset can completely transform any situation. We as educators know the importance of student mindset. However, how much attention do we pay to our own mindsets? Come learn about the five powers of an educator and how you can put these powers into practice, both in and out of the classroom. Our jobs can be challenging at times. Find out how you can power through these situations by being a Turbo educator.
Esports in Education by Dell	Presentation and discussion on E-Sports in education
Writing Collaborative Linked Verse Using Google Docs	The session will describe the history of linked verse (haiku and renku) and how writing linked haiku can be a collaborative activity in Google Docs. Participants will participate in a hands-on linked haiku writing activity in Google Docs. This session meets R.I.S.E Goal Two: Create Community Collaboration. The session will include booktalks of books containing haiku. Bring your own device.

Foolproof Parent Engagement: Tools, Strategies, and Tips - Edlio

Explore new methods to improve the way parents communicate with your school's teachers and staff, and hear how Edlio's content management system has transformed parent engagement for over 10,000 schools and districts nationwide.