

Thursday Sessions

Opening Keynote (8:30-9:45)

Session 1 (10:00-10:45) - Thursday

Session 2 (11:00 - 11:45) - Thursday

JCS LUNCH meet up ZPizza after session 2

Student Showcase Ideas (11:30-1)

Session 3 (1:15-2) - Thursday

Session 4 (2:15-3) - Thursday

Session 5 (3:15-4) - Thursday

Session 6 (4:15-5) - Thursday



**Thurs., 3.3.16
2:00 - 2:15PM // OUTSIDE 302B**

Session/Time/ Contributor	Notes	
Global Citizenship- Students Impacting the World through Digital Multimedia Projects 10:00am Pam Batchelor Amy Plahuta	Link: j.mp/digcit16 Handout: j.mp/digcit16x Charter school outside of Charlotte, NC, 1:1 ipads Use Schoology as LMS Digital Citizenship course added as an elective. How does tech help other people and how can we help others with tech? Emphasis on student blogging to build a positive digital footprint and share content knowledge. First round was paper blogging before digital blogging. Use "highway comments" on sticky notes to encourage others and offer reasons why you	

support or disagree with their viewpoint.

Heartbreak Mapping - In center of heart put all the things that you are passionate about and that you love.

On outside of heart, put all of the things that break your heart.

Choose a "Passion Project" that incorporates something you are passionate about and helps to solve a problem that breaks your heart.

The Community Pitch- share the mission of the passion project with the community. Students presented their ideas with a table top display in the hallway and talked to parents/community members.

Students enjoyed the opportunity to share with parents and the community about their projects and build student confidence.

Student Led Twitter Chats

- Practice in the classroom
- First chat led by principal
- Now chats are led by students
- Google form for anyone at the school to host a twitter chat

Student Service Club for Graphic Design

- Used [Canva](#)
- Free Design school within Canva that students completed along with guidance from art teacher.
- Students created logos and posters for school events, clubs, and events.

Common Sense Media - Digital Citizenship site.

- Students created PSA's on digital citizenship topics that were shown across the school.

<http://yourselfworth.weebly.com/> Student made website about social media vs. self-worth and character.

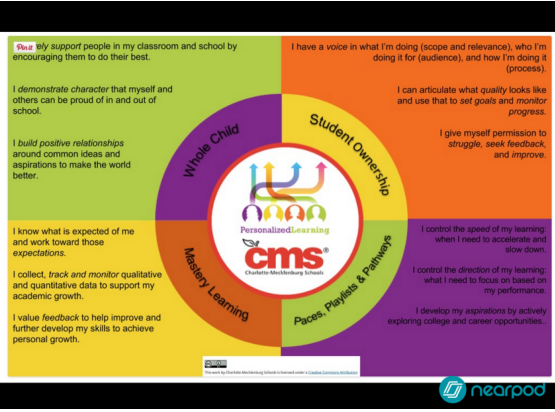
[Next Vista for Learning](#)

Young people from around the world are creating videos that tell stories of people serving their communities, and we want you to take part! Contest for students to create service videos telling the story of a local service organization.

[World of 7 Billion](#)

Teacher resources for population education and student video contest. Students use blogger site to create their blogs. Weebly works as well, but not with iPads.

Putting the E in Maker Spaces bit.ly/makerties16 10:00 Cristina THompson	https://docs.google.com/presentation/d/1J_l6CV8tZdMM22hBPk208So-CD3wja-k6s9vswa5m4o/present?slide=id.p3 Black-out-poetry on discard books. Origami - structure, weight, withstand pressure/weight, **use origami books (even the ones that are damaged origami books can be pulled apart to make task cards) Lego or blocks - Stop Motion - stick bot, imotion, lego movie maker (use old scrabble pieces or letter pieces to create a build a word movie) Build a artistic scene, such as take a word and vocabulary comes alive with the art background and movie stop motion. Green Screen area Video Making - green screen by do ink. (https://itunes.apple.com/us/app/green-screen-by-do-ink/id730091131?mt=8) 3D Doodler - tends to jam up a little 7 tech 3D printing pen - better option Allow a lot of mistakes - encourage the students to try and make mistakes. Rap-Rap printing - look into Makey-Makey to run a video game as the hand held console. **awesome for kids to buy into. Virtual piano plus the bananas will play as a keyboard with a Makey-Makey board. Old school Operation Game Little Bits - http://littlebits.cc/ (simple curcuits target set for \$20) snap circuit robotics and lego robotics will help build in the CODE directions - codable - prereaders Google Cardboard or plastic viewer \$20 at target (viewmaster - has space, ellis island, statue of liberty, wildlife) You can use google cardboard apps in the plastic viewer. Cardboard camera in Google Play store - you can create your own video for 3d viewing. ios store 3dvrcamera can be used to make a video for 3d viewer. Discovery ed has a 3d. White board (lowes will cut and it can be velcroed onto tables) Water and aquarium activities - floating, create stuff to float, etc hotwheels speedometry kit - Sent off for a kit *** Hopefully will get before new year. Yarn and straws to create a hand. Can you use the created hand to move things, grab things?
Make it Personal 10:00 Amy Stanley	Charlotte Mecklenburg Math in personalized learning environment Jennifer Kershaw, Kelly Lippard, Catherine Royster Grand Oak Elementary - emails are first.last@cms.k12.nc.us 4 cornerstones - whole child, student ownership, mastery learning, pathways - shared graphic:

	 • Learning style inventory (http://www.bgfl.org/bgfl/custom/resources_ftp/client_ftp/ks3/ict/multiple_int/questions/questions.cfm) , work hard to get to know them rather than procedures, Morning Meeting, Genius Hour - student interest hard time getting them to move beyond the presentation • Positive culture - How Full is your Bucket (kids book too), The Morning Meeting Book, The NO Complaining rule (Jon Gordon), bucket fillers - students, teachers, etc • Mastery is Critical! Used unpacked standards as their mastery tool - Align assessment questions, develop pathway, create checkpoints, exit and entrance tickets, conferencing checklist (example in folder) • Assessments - Zeal, Go Formative, Socrative, DPI Unpacking CCSS, schoolnet - checkpoints, one to one conferencing • Analyzing Data - use google sheet to track the kids, use SAS Data Notebook that the kids do for themselves - helping them make reflective goal setting - share with teacher and parent • Assignment tracker for mastery • Teach kids to set SMART goals for mastery, Quarterly, Unit, Weekly, Daily • Playlist - PL Website, Blendspace, Creative Commons teacher created task, illustrative mathematics, inside mathematics, K-5 Math teaching resources, Engage NY, cpalms.org • Grading Mastery not putting much in the gradebook - parent education • Resources: https://drive.google.com/drive/u/0/folders/0B3qGpOMxk4Y5eGpMa2R5MIVZV0E
Apps and Extensions... 10:00-10:45 Tracy Caulder Carmen Barnes	http://bit.ly/chromesdash Kiddle - child friendly search engine MindMup - mind mapping, organize writing, character analysis, big ideas/themes - FREE - also an iPad app NewsELA SMash - copy/paste into Docs and use Highlight add-on for kids to highlight info

	Gliffy - flow charts/venn diagrams - save as jpeg, pdf or png - collaborate after linking Google account - basic membership is FREE Awesome ScreenShot - screen capture tool - capture, edit and keep all or part of the capture - share using Google Apps WeVideo - easily upload pics or video to Google Drive or You Tube - is a Chrome App - can add music or students can record themselves talking - basic membership is Free, but green screen capability is part of the paid version Padlet - give students link and they can share video, notes, pics, etc Powtoon - create short presentations - mash up with MindMup or Gliffy to share their mind maps, etc. Thinklink EDU - for the google doc change margin to .2 and .2, add text and pic	
Augment Your Reality 10-10:45 Nolan	Leslie Fisher Aurasma Will only work on one device UNLESS you make it public. Make a channel and give it a name, anyone who knows the name of the channel can then join it and see everything from that channel. Blippar AR Books Guinness Book of World Records has some AR pages ex. puts world's tallest person in perspective Download 2015 (maybe 14 and 15 IF it works) pages, they are unlocked now AR flashcards (I have) Quiver (formerly CoLAR) \$7.99 App all EDU forever will be free w/ this may do volume discounts Get free pages NOW	
10-10:45 Creating a Connected	@pernilleripp http://www.pernillesripp.com	

Literacy Classroom
Meagan Parrish
Danielle Simerman

Make a poster about--Why we hate reading...

What can we do about it?

Why do we hate writing.... What can we do about!

* Don't just tell them it's "because you haven't found the right book.

Why do you love reading?

Why do you love writing?

Create a To Be Read list at the beginning of the school year. (Take them to the library)

* Teach students to book shop

Students selected people to be in their book clubs-- Not their best friends, but who can you not work with

short and sweet-- decide when to meet-- the book has to be finished in 12 days.

The Global Read Aloud-- October (K-12)

Today's Meet-- Create a room and the kids can discuss books.

The Reading Zone--- Uninterrupted reading time (Create a book tree of student recommendations)

Share your own Reading Life--- Reading Blog of Student book picks-- Read them and review them. (Create a just read poster for all teachers and staff!)

How to check for comprehension-- Book Trailer on Animoto
Twitter account for students/classroom-- Find active authors on Twitter

Bring the book goal down from 40 to 20...

Kate Messner

Start every class with 10 minutes of independent reading

	Have students create their own blogs and talk about books and writing! (Not all kids may want this)-- KldBlog	
11:00-11:45 Jazz up your BYOD Carmen Barnes Jennifer Barber	https://goo.gl/4yQK5l See presentation above for tips and useful websites. They won a grant to have BYOD in their school Today's meet- see second slide..they use that to start the lesson with the kids..It is connected to their Blended space.. They use Direct contact with teacher and blended learning. Parent communication is the key! Informing that they will be watching videos all the time...students are working on their level..See the slide 4..click on the title..great article on blended learning article. use Dictionary app along with their chrome notebook..use the app while they are writing on their chrome notebook.. See Slide 10 on interactive sites.. http://interactivesites.weebly.com/ Good for science! Power my learning..assign a playlist that gears toward your learning.. Friday night dine out..activity to have them do in groups Thinking Blocks..show their work in word problems. See the different links on the slides..some very good links..storybird.. They give links for science and social studies 5th grade--thermal energy qr codes.. Shadow puppet app for the younger grades	
10-1045 Picture this..make that Jennifer Barber	Picture this...make that bit.ly/pictureit16 Green Valley School/Sarah Cardwell ITF/Mitzi London Media K-8 School Ways to implement in the MEDIA CENTER/Classroom Change them out once a month. They use books to form their makerspaces. Makerspaces ASU Instructional media center has items that you can check out..to get some ideas about your wish list..It does take money..Donorschoose..Book fair money to be used also.. Check out to see if we are a GEAR UP school? NC has the least amount of Donor Choose grants! Use them!!! Professional Development needs to happen for the teachers to use the items.	

	Lay items and let the teachers Play..have conversations on where the items would fit in their classrooms..Let the teachers play..Principal needs to play also to see what it is like. Started with Picture books(they are easy to blend with makerspace) and informational texts.. See the list of books on the bit Students get to choose their team names..center activities Common core ish.. Book..<u>ISH</u>..Peter Reynolds..the book is about a child that can't draw..thinks he can't You can use their creative. Magformers are FAB! BOOK..<u>NOT A BOX</u>--K-3rd grade..3rd used it as a writing center..they had to use box to create something..use google drive to write about their creative work.. If we Built a House..in conjunction with 2nd/3rd we built a city..<u>Take Me HOmE. Country Roads</u>. Lincoln logs <u>Building a Road</u> Open e BOOKS! Try it out to see the free eonline books>>FAB.. Storyline online is also fab Start with picture books to inspire..1st/2nd grade as a reward system..Makerspace Reward..teachers use their behavior management and choose kids to go (20 max) 3rd grade use it as a center..they also use it 4th/5th as a PLC time..(intervention and enrichment) Start with teachers that are on board! They tweet everything! Publicize it so they BOTTLE CAPS, (scholastic), Button Maker, they draw their own art work and make a button, Beads, Target Community partners..free advertisments for the people that donate and way to say thank you to them..Publicize..it is not about going to media center to check out a book anymore! use a task card with written directions..lamineate..
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	See the bit for books for suggestions---Slide 11 The importance of Makerspace? Providing the life skills..guidelines...students are always told what to do and need to have some creativity..let them choose but have guidelines..let the older kids research something that they would like to research about..They are not used to doing this and need exposure..they need to tinker!Gardens are their makerspace! bit.ly/TROUut--network together with suggestions //Follow their twitter to see their makerspaces! We are collecting resources for the digital learning competencies..enter to win \$25 bit.ly/DLCDraft#DLCSsharing	
11:00 -11:45 Design Thinking Amy Stanley	goo.gl/dCKCcG Rethinking your spaces Empathize, Discover, Ideate- 5 WHY to help with designing something to improve things Power Standing: https://www.ted.com/talks/amy_cuddy_your_body_language_shapes_who_you_are?language=en Draw, prototype, test and then redesign - all about innovation! Innovation PD, having kids create things related to literature - the Glass Castle- design something for a character Lesson plan, etc. gzaas - big words on the screen	
11- 11:45 Kelly Nolan NewConQuest:How We Are Expanding Our Reach With Personalized, District-Wide Digital Coaching	Padlet wall site Lucas Gillispie http://edurealms.com/tag/lucas-gillispie/ Adopted Canvas as LMS	

	Coaching conversations self assessment/tech integration survey/provide proof of competency/gives level and suggests PD Intimate coaching model Blended Teaching Competencies http://www.nmc.org/ using 3d game lab Take what they have, reimagine it, share about what they did via blog Opens teachers up, be mindful it is a vulnerable position to be in Learn>Explore>Create>Share ScreenCast>Face-to-Face learn TPACK, apply it, shifting mindset/repurposing with tools you have to accomplish task (make fruit salad w/ cooking pan, spoon rest and fruit. Sometimes they find their own way to demonstrate what they know. Reflect after Pre-assessment too	
NewConQuest: How We Are Expanding Our Reach with Personalized, District-Wide Digital Coaching 11:00am Pam Batchelor	tinyurl.com/nctiesncq16 Inspired by Lucas Gillispie Small district, 2 high schools (one a magnet school), 1 middle, 3 elementary schools. New Horizon 2015 K-12 Report 3D Game Lab- You can share quests and find other quests people have made. 3D Game Lab integrates with Canvas.	
11:00 - 11:45 CreAPptions Tracy Caulder	Book Creator - allows children to create eBooks and share in iBooks - can add text, photos, images, there is a pen tool for annotations, comic templates, paid version can share via Google Drive, etc Free version is one book only, paid version is 4.99 unlimited books 30hands - multimedia presentation and publish as video Free version and paid version - must have paid version to share through Google Drive though ChatterPix - FREE - students can make anything talk - take a photo, draw a line to make a mouth and record your voice - limited to 30 seconds - then share - great for book reviews, descriptions, vocabulary, etc - unfortunately, iPad only WordFoto - take a pic and insert, set of words, share via GD Tell About This (audio) and Write About This (written) - Free and paid versions	

11-11:45 Amy Plahuta STEM for the stations-based classroom with Discovery Ed	All STEM resources are at http://tinyurl.com/de-ncties16 <u>Board Builder tool in Discovery Education - Both we, as teachers, and our students have access to this. Not sure about the techbooks.</u> Go to Discovery Education and search for STEM stations. The boardbuilder for building bridges with different stations will pop up for you to use. This format can be adapted for any subject and any grade level. Also Discovery Ed has 3 free week-long STEM camps free to anyone! discoveryeducation.com/stem Have professional development tab as well. Can earn CEU's. Free VR app at discoveryvr If STEM stands for "Students and Teachers Energizing Minds" then the stations-based classroom is the perfect place to make transdisciplinary connections for students. Let's "bridge" the 4 C's of Creativity, Communication, Critical Thinking, and Collaboration with this classroom experience. Add a fifth C - Content. Not time to teach things in isolation. Engage, Explore, Explain, Extend, Evaluate This program combines the 5 E's and the 4 C's. <u>Station 1: Talk the Talk</u> - (vocabulary) - Discussed Techbooks (Don't think we have access to these in Johnston County???) and interactive glossary that has videos, pictures, real-life examples, etc. DiscoveryEducation.com/Trials can request 60 Free days of textbooks at preview for the Techbooks. Align to NC Standard Course of Study for every subject. <u>Station 2: Let's Build</u> - (hands-on) <u>Station 3: Career Connections</u> - (real-world relevance) <u>Station 4: 25 Things We Didn't Know About...</u> Bridges (reading station) - Students read passages and make a list together in a collaborative group on 25 new things about the topic they didn't previously know.	
11-11:45 Do You Like Fantasy Football? Then You'll Love Fantasy Geopolitics!	bit.ly/1QJ3Bt9 - EMaze presentation that includes all information. www.fantasygeopolitics.com - Free for 1 commissioner & 4 teams. Draft countries just like a fantasy football team. Teams can add and drop	

Jeremy Barbour	countries throughout the “season.” Scoring is based on positive article mentions in the NY Times and the country’s score on the Goldstein Tone.	
11:00-11:45 Making Teaching Literacy “Tech”tual Meagan Parrish Danielle Simerman	What is transmedia? * It consists of content over several digital modalities, but most importantly, it allows participants to be part of the canon. Take common literature and turn it into something new.-- video, comic, etc. storybird.com activelylearn.com	
11:00 - 11:45 Imagine Bots! Make Bots! Cristina Thompson	Done in a media center - wow Why robotics? Create a robotics for others Shepero and BeeBots are great for the younger students to apply CODE Cubelets can be used to make a bot - the sensors within the cubes need to be put together a specific way for the bot to work. task cards are used at this station for the cubelets. Tinker Lab -	
Best of the Web w/ Richard Byrne Carmen Barnes	PracticalEdTech.com bitly.com/ncbow16 Access all of the web/app resources above.	
Augmented Reality: Engaging a Minecraft Generation 1:15pm Pam Batchelor	www.twoguysandsomeipads.com Twitter @techminock @techbradwaid @2guysshow AR Addition Flash Cards Nasa Spacecraft 3D (one target for multiple ipads) Move around spacecraft First allow students the opportunity to play, then they will become more focused and engaged in the lesson. EON Experience VR (one target for multiple ipads) -World Builder	

	Simulation similar to Minecraft Anatomy 4D (Free) (Target library of images to print) Designed for medical students (anatomically correct, beware) Can make the heart beat faster with bluetooth connection to heart monitor. DAQRI 4D Studio Design virtual blueprints of buildings -Discover targets to print DAQRI Universe VR Space DAQRI Elements elements4d.dagri.com Virtual labs, no safety concerns. Afterschool all stars VR Crayola Color Alive Code: "BOGO" for discount Creations come to life Once the creation is saved, you can move him away from the target.	
Redesigning Collaborative Spaces Amy & Teresa	bit.ly/khscdspaces - transforming spaces space should serve us not the other way around - 4C's - Collaboration, Creativity, Critical Thinking, Communication - real world type spaces that allow them to use their space better. Focus on student achievement, pick a theme and stick with it. Make friends with community members, make use of discards ntaylor4@wcpss.net - said we could hook up and bring some folks to see it in action. Year 1 of a 5 year plan Capturing kids Hearts	
Technology in the HS Science and Social Studies Classroom 1:15-2 Jeremy Barbour	Tech in the HS Science & SS Classroom Presentation Link Tools to Integrate Technology in the Classroom Link Includes some apps/extensions and provides examples of their uses in both SS & Science classrooms. Presentation includes an overview and the "Tools" link above features more in-depth examples (both student work and lesson plans).	
Imagine Possibilities Makerspace & Genius Hour	https://drive.google.com/a/johnston.k12.nc.us/folderview?id=0B0a2KKd_R2r_mX3BfQUI1TEcxN2s&usp=sharing#	

1:15 - 2 Cristina Thompson goo.gl/3BMx5l	Ideas for getting started: interest inventory. Parent letter allowed them to get additional resources. Ideas for making the projects easier: Start by doing a whole group project and guiding children through one project; next small group projects with volunteer helpers to guide the children and provide support; finally individual groups with activities. Same ideas as other Maker-Space and Genius Space activities: building, movie making, robotics, CODE. This session went into details about research. The teachers emphasized the use of research and writing related to the projects. Maker space idea - tube or cut pool noodle and create a roller coaster, use a marble to test the design. Carnival created by students: research different types of carnival games, creating the carnival games, commercials and advertisement for promoting, etc.	
1:15-2:00 Amplify your Writing Workshop for the Digital Age Meagan Parrish Danielle Simerman	https://www.tackk.com/wwds Use screencastify for recording comments for writing! (Flipped conferencing) Use tackk and storybird for publishing. If a student spends so much time writing, they should be able to publish their writing. Use Visuwords tool as a tool to help students use larger vocabulary. Use screencastify to create mini-lessons. Link those to the writing, in a comment, if students need that specific help or put them on Google Classroom for the whole class.	
Google Fireside chat Classroom & Expeditions Nolan	Expeditions: Cardboard,	
Google Apps for Education + Canvas = Student Success Gail Anthony	https://goo.gl/ErQBGd Canvas "help" on Friday, 10:30am at their booth.	
Digital Citizenship 2:00 - 2:45	https://www.smores.com/wpzn0-digitalcit16	

Cristina Thompson	Used Discovery Education Board Builder to learn/discuss copyright. Then, they built their project idea and captured it through Board Builder with older kids.	
2:15-3:00 Baby Steps! Helping Teachers who Struggle with Technology	https://goo.gl/njbbnK	
Reaching Lost Learners 2:15-3:00pm Pam Batchelor & Amy Stanley	Kevin Honeycutt Eye of the Vortex - about the brain DAQRI Melon Headband-focus training Learning based on skills Trick is to get in the flow, challenging but not frustrating. Lease policy, report once a week to keep the technology on what they did and how they used the technology. Grow your twitter! Principal said: If you aren't doing everything you can to help kids you should RESIGN! We good? Its about relationships. Get to know your kids, hook em' and cook em'	
2:15 Inspire Innovation by Fostering Collaboration & Creativity Nolan Amy Plahuta	Fostering change What is Culture? Iceberg- Ask an outsider about your school's culture <u>Coding in Schools</u> CargoBot Code Academy Hopscotch The Foos Google CS First Clubs (3rd-HS) Code Monster Blockly Mystery Island <u>Design Thinking</u> Pixel Press-Floors - Draw to create your own video games. STEM Learning Principles: Prototyping design thinking Teamwork and collaboration Bloxels	

	Gain greater understanding of important topics like design logic, and computer science and demonstrate their knowledge of history, science, and math and more through the games they create. Canva Simple way to graphic design. Design posters, invitations, business cards, blog graphics, flyers, presentations, facebook covers, and more! Teacher created lesson plans and multiple tutorials available. From Google Apps Education, so kids can use it in Google. Spoke about this app in the Global Citizenship presentation as well. Many templates, etc. are free. Some premium pictures/formats are for cost. No problem if you upload your own info and pics. 3D Model Creation Platform - Tinkercad Export for 3D printing, Minecraft, etc. Project Ignite Teach Hands-on projects integrated with Tinkercad and circuits. The web's most popular, easy to use online apps for makers. Free software, learning hardware, support for schools, lessons and projects. Artgig Apps - On Twitter as well. Mystery Math Museum - Great app. Usually \$2.99. Free today 3/3-3/5. Recommend downloading it. Very engaging. Jump! - The adaptive game engine. Adjusts the difficulty for each player so the challenge is just right. 48 levels and 6 different environments. Structure Sensor - First 3D Scanning Sensor device. Camera designed to scan a 3D model. Scans, then does a texture wrap. Can do objects, full bodies, whole rooms even. Varying quality. Quick and very cool! \$379? Will probably bring price down for teachers soon. Melon - Records EEG data/brain waves. Can analyze if a child's brain is engaged. Originally good for recording seizure data. Can do brain focus training to get brain waves in a target zone. A lot of medical data. Elements 4D Wood blocks with chemical formulas - virtual reality! You can print out FREE paper blocks as well.	
2:15-3:00 The Three Little Pigs move to Hamlet: PBL and STEM	Presentation Social Studies content integration 4 C's-- creativity + collaboration + communication + critical thinking	

(integrating Social Studies) Meagan Parrish Danielle Simerman	Bring in community! Phase 1-- * Provide collaboration opportunities * Read "Outside the box" books * Emphasis on the process, not the product Incorporate STEM & 4c's with current curriculum Genius Hour and STEM day Phase 2-- * Start building-- - What did we do? - What did we learn? - What questions do we have? Phase 3-- Reflect Students self-assess their roles. * Create a plus/delta for themselves and the group * After reflection, students will create a 4C goal for the next phase * Students will have a self-reflection and group-reflection rubric * video blog and photos, student notebooks, and reflective conversations with their group to accurately self-assess their contribution Content skills and final product will be evaluated by teacher and peers. Green Screen by Do INK (App)-- Green screen made from a green poster board-- use Starbucks straws and make a puppet show	
2:15 Minecraft:Club to Curriculum Jennifer Barber	Minecraft:Club to Curriculum Social Studies The students made the Raleigh Tavern The College of William and Mary The Governor's Palace Minecraft EDu Second Grade	

	Communities What makes a community..who's involved..What is the role of police officer etc..based on that design a town of groups of 4-5 select their mayor..one was a teacher..built a school..they got paper and designed a school..had to be approved by the town.. draw a map..what they drew on paper they had to show it minecraft..RyanTown..they did a pond..fountain...each town has to have a natural resource and it helps the town. Programming turtles..they put them in the towns..made them look realistic..rubric... Fraps-video /upload videos to video Youtube..30 second segments Open broadcast- another free video 5th graders-gaming for college..research colleges of staff members..made their colleges in minecraft..took them on a tour of the college.. Minecraftedu..the license is good for you and do not expire..can be used on the desktop.. There is a way to turn off the survival mode..you can change the difficulty levels. Google Plus Community..can join for Minecraft Edu..Colin Gallagher wrote a book on an educator's guide to minecraft	
3:15 Choice! Your Teachers Are Gonna Love It! Nolan	pdchoices.weebly.com Rockingham County Canvas- All PD lives in Canvas Credly for badges- easy Open Badges **Issuing a badge for a demonstrated competency** self paced challenges Ski Levels (black diamond, bunny slope etc.) Cute thematic video to peak teacher interest Digital Badge Less success with advanced teachers-need to provide more support for them. Very successful with new teachers and intermediate. Challenges seemed to motivate teachers PD on "Blended Learning" not "Google Classroom" starting with the pedagogy Guilford County was inspiration and shared resources for online PD eBook Study for CEUs	

	4 discussions, assessment of the book, encourage the use of this resource with students TAG Technology Action Groups Teachers self-select, design their own solution to a 'wicked problem' **Have opportunities for the 'high-flyers' EdCamp on a box if you reach out to them, they will send you lots of stuff Campfire event-2 days over the Summer-hang out w/ Camp Counselor, laid back, flexibility and choice Credly claim Code FB9-A862-989	
3:15 Envision Visual Thinking Magic Through Google Drawings Jennifer Barber	goo.gl/vioVRQ Great resources! Take a picture make into an avatar.. cheat sheets will have the links and how to directions for the google drawings.. Collaborative Post it notes- can be used as exit notes. Can be used in junction with Hang out.. They have made a corkboard with post it notes..make a copy and use it as exit slips or using it instead of padlet. Click on Slide 7 Annotate Screenshots Using the watercycle..the kids can click and drag the annotated to label the watercycle..click on the left side of bit and they show different ways to do annotated ways. Graphic Organizers Click on the graphic organizers..they shared the graphic organizers. Slide 10 Infographics-90% of learning is visual! MEMES - has educational sites thinglink HOTSPOTS ON IMAGES..take a photo and place red dots to click on them to websites. download it or embed it..wont work in google docs. The staff takes a picture and you click on it and it goes to a video to introduce themselves.	

	MANIPULATIVES-Any of the manipulates..click on make a copy you can use them.. Have them use screencast so you can watch them explaining it.	
3:15 Makey Makey Robotics Fun with Dash & Dot, Ozobot, and Little Bits of Lego Tracy Caulder	http://bit.ly/makeymakeyrobotics Tracy you can get \$50 off a Dash if you want to get one - let me know I will give you the code Yes, get the code! Scratch Scratch Jr. Hopscotch Ozobot Lego Story Starter	
3:15-4 Putting Student Choice First: Flexible Pacing Using Google Classroom Amy Plahuta Meagan Parrish Danielle Simerman	Bit.ly/tiespscf Dave Hinrichs - Digital Learning Specialist Teresa Richardson - 7th Grade Math North Johnston Middle Johnston County Schools Examples - Google Classroom Codes p5hfms - Sample Math Class yshgt3b - Social Studies example e2jl2mr - Examples from this year Zaption or Playpause it - Apps where you can take a youtube video and add questions to the end of it.	
Designing and Teaching Quality Online Courses 3:15-4:00	3 Essentials for Quality Online Teaching • Social Presence	

Jeremy Barbour	○ Degree to which students feel they are interacting with real people in online courses ■ Use humor & emotion ■ Design specific spaces for social learning and conversation ■ Personalized feedback ● Teacher Presence ■ Use video and audio in course design ■ share personal examples ■ Model effective contributions to the community ● Cognitive Presence ○ Degree to which members of the community construct meaning through ongoing communication ■ Use a variety of formats ● Universal Design of Learning (UDL) ■ Design authentic tasks Google+ Community Link Tellagami	
Living in the Free Space 3:15 - 4:00 Cristina Thompson	DPI is presenting the open educational resources through DPI. goo.gl/IgL8Ve http://region6.ncdpi.wikispaces.net/living+in+the+freespace Open educational resources called OER https://www.oercommons.org/ OER commons allows us to search for resources	
Sketchnoting and visual notetaking Jen Vogel	● Basically a way to take notes and mind map by doodling ● Plan ahead for the day - know your layout ● Have sketches or icons (think emojis sort of) prepared that represent your ideas - if you make a person with a chef hat, it could represent food - you need to know what each pic means for you ● Sketches can be simple or more complex ● This helps right brained students to take notes understandable for them ● Use containers for important information	

	• Use arrows for connections • Use color to differentiate, distinguish, and/or draw attention to - try not to use more than 3 colors • This is an SOS, Spotlight on Strategy, lesson that is available through Discovery Education. • Students will listen, synthesize and visualize the information given by the teacher. Make sure you give time after important information to allow students the opportunity to sketchnote during the lesson. • For some students, this helps cement the notes in their memory. • Apps: Paper by 53, sketchbook pro, • @kathyschrock • kathy@kathyschrock.net • schrockguide.net/sketchnoting.html	
4:15-5 Creating a Student Centered Classroom using Shared Chromebooks in the Classroom Amy Plahuta	Mountain View Elementary School Catawba County - Stacy Lovdahl - Instructional Technology Facilitator Dyanne Sherrill - Principal Makerspace - kids made a piano out of food. www.nearpod.com Code to Join: GJTNK Or this link: goo.gl/rDx6P8 Nearpod does not seem to be working. Lesson #1: People don't change until they have a reason to change. Allocated most supply funds to technology purchases. They have a communal supply closet. Teachers put in a request for certain materials they need AS THEY NEED IT. No wasted paper, dried up markers, etc.	

Finding Resources

*What is your vision?

*Assess current resource utilization. Option for staff to apply for a grant from PTA; Donors Choose, etc.

*Think creatively about sources of funding.

*What can you do without?

Lesson #2: Dream Big!

Lesson #3: May Happens

Lesson #4: Administration support is essential.

Student Achievement Components

School-wide PD

Networking

Grade Level PLCs

Coaching

Administrative support

Curriculum and Technology Support

Lesson #5: Instead of rather than In addition to...

Set up professional development in stations/rotations.

PD

*First day of school

*Grade level planning meetings with planned agenda - once a week

*Administrative Grade level planning meeting - once a week during planning

*District planning meeting with curriculum specialists - once a month

Lesson 6: Follow up is powerful.

Student Centered Tools

Discovery Education/Boardbuilders

Google Drive

Collaborative Online Whiteboard <https://www.limnu.com/>

Flubaroo w/Autograde

	Lesson 7: A few good tools to begin with. Lesson 8: ??? Lesson 9: Dream Bigger	
Digital Tools...Imagine the Possibilities 4:15-5:00 Tracy Caulder	Presentation Link Aurasma Coding with Code.org 3D printing Raspberry Pi and Minecraft	
3D Pens in the Elementary Classroom 4:15-5:00pm Pam Batchelor Dave Hinrichs Jennifer Barber	Website: sites.google.com/site/tstemresources/3d-pens-in-the-classroom Small district, four schools. Tip- 3D pens work best with a template. Have the student draw a template before starting with the pen. Identify learning objectives and create lesson with the pens. (Example - symmetry, identifying shapes). the3doodler.com Pen does not take long to learn to manipulate. Can be combined with 3d printer to connect objects. The plastic stuff that goes into the pens are a bit pricey. Famous American project - they used an artifact that represented the individual and they made it with the 3D pen.	
P*W*rP**nt is a Four Letter Word 4:15-5:00 Jeremy Barbour	Canvas Course Link The modules listed on the course link provide alternatives for traditional powerpoint/Google slides presentations. Most tools have	

	been around for awhile, but they do offer student and teacher samples for almost every tool.	
4:15 - 5:00	CoderDojo - everything is free https://coderdojo.com/j.mp/coderdojoncties	
Hooking Learners with Digital Tools 4:15 - 5:00 Cristina Thompson	Kevin Honeycutt (speaker was great) Look up a video of his. Stop the creation of “filter feeders” of students that are not moving, learning, and thinking. http://kevinhoneycutt.essdack.org/kevinhoneycutt.org/Tools.html beamz App	
Breakoutedu	Breakoutedu boxes can be used in all curriculum areas. Content can be taught along with problem solving skills. Highly motivating.	

Richard Byrne - Best of the Web 2016

Link to all of the shared resources below.	
http://practicaledtech.com/free-handbook/	
Mit App Inventor	Create
Soundtrap	Create your own sound
Buncee	Animation
Twinery	App to help write. Choose your own adventure
Stupeflix	Make a free video. Registration free
Canva	Image editing
Exploratorium - Science Snacks	Science activities
Sharealike	Mix pictures

Storycorpse.me	Guides students through the interview process
SeeSaw	Digital Portfolio
Shadowpuppet.edu	
Photos for Class	Photos that bring along all of the attribution information
Nathan Hall - Website	A list of tools that require no registration
MultiCloud	Allows you to manage all of your Cloud storage from one dashboard.
Evernote Web Clipper	Share articles with students and strip out all of the junk on a web page
Too Noisy	Noise meter for the class
SworKit Kids	Free APP for Iphone or Droid. Suggests physical activities based on time you have.
Dotstorming	Brainstorming where students can vote
Who Has What? 2	Keep track of stuff you lend out for your classroom.
Grouting	Group Planning. Help plan your activities.
Choice Eliminator for Google forms	Removes choices as they are selected.
Choosito	Search engine to find sites by reading level.
Ref Me	Scan and cite resources. Keep a library
Open eBook	If your school is 70% in need your school has free ebooks. Current Titles.
g(math)	Give kids a virtual keyboard to type math.
Readworks	Aligned articles
Google Expeditions	Create virtual reality movies.
Connected Classrooms	G+ Community for virtual field trips
Gojimo (App)	Study App.
Flippity.net	Google sheet templates

Analyze my Writing	Tell about word use and how you are using them
LittleBridge.com	Virtual world about internet safety
Quizalize	Online Qizzes. Assigned or Real time.
Go Formative	Kids draw responses to questions.
Triventy	Quiz activity. Kids can suggest questions
Wizer	Interactive questions
Vibby	Like Zaption

Friday Sessions

Session 1 (8:30-9:15)- Friday

Session 2 (9:30 - 10:15) - Friday

Session 3 (10:30-11:15)- Friday

Session 4 (11:30-12:15)- Friday

Closing Keynote (12:30-2) - Friday

Session/Time/ Contributor	Notes
One Stop Shopping - Blending Discover Education with Google Classroom/8-8:45/ Amy Plahuta	https://todaysmeet.com/NCTIES2016 for comments and messages. Davidson County Schools - Jill Elbersen, Candy Pierce, Suzanne Deal, Leigh Hopkins If you take the Discovery Ed professional development free online, you can get a Literacy CEU credit. http://techsiteseeing.weebly.com/ Weebly for presentation https://classroom.google.com Google Classroom www.govote.at Mentimeter Poll code 75 06 77 Do you presently use Discovery Education? 92% yes and 8% no. Currently using Google Classroom? 65% yes and 35% no ***DE Techbooks are Awesome! Digital Learning team, do we have access to these? It doesn't look like it. How do we get or buy access to these? Some counties are using these in lieu of textbooks. Paper Slide Videos - Paper, markers, recording device. Students record a video illustrating a concept using drawings they move to show and illustrate the concept they are explaining. Teachers in Davidson County earn digital badges as they collect and accrue PD credits on Discovery Education. In Discovery Ed, you can't copy and paste the URL to put it in Blendspace or Google Classroom. You have to Share it. Select your content, Go to More, then go to Share. There is a box to click on to go straight to Google Classroom . Or (preferred method) you can click copy link and then take it to Google Classroom. This

	way you can put many items in the same assignment. ***District Digital Learning team, can you please set up the single sign on for meshing Discovery Education and Google Classroom? Thanks. <u>Tips</u> 1. Have students log into Discovery Education before working in Google Classroom. 2. Use Google Docs when linking several resources 3. Use the Google Classroom icon when you want to share only one link in Google Classroom. *In Weebly under Classroom go to Import grades to Powerschool. Video will walk you through how to do that.
Beta Believe It	tizmos.com/debturner debturner1.wix.com/techteacher debturner4420@gmail.com For many of these, you need to contact them for an invite to be a beta tester. Spellbound Books past guide slidestory ola mundo pixiclip dropcanvas www.kreyonic.com - qboo artpad.art.com remindmeat.com surveyrock.com - premium account is free for teachers magicflix mimechat choosito www.homeyapp.net letssettleitapp.com workhardanywhere.com beyondtag.com Where can you find startup apps? betapage.co betalist.com

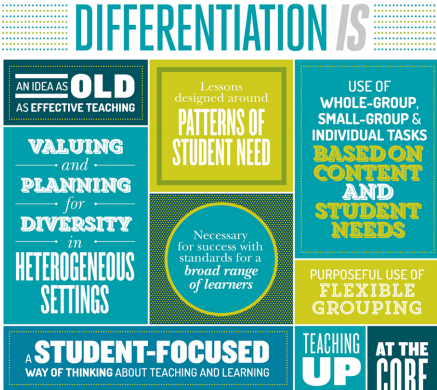
	teachersfirst.com How can you get paid to be a beta tester? dreamhomebasedwork.com theworkathomewoman.com mturk.com - amazon mechanical turk
8:00-8:45 Green Screen...That was Easy Tracy Caulder Danielle Simerman	https://www.smores.com/mw77v ann.crilley@rss.k12.nc.us renee.cunningham@rss.k12.nc.us Media Coordinator and Tech Facilitator tag team and do projects together - fully a flex schedule to work with classes Pizza box painted green on the inside, use green straws to attach to puppets for a puppet show about books read, etc...get green gloves from dollar tree for kids to wear so their hands don't show (or green socks) Index cards make better puppets Green Screen by Do Ink VeeScope Ideas: Story retell Weather reports Travel to another place Readers Theater PSA Mock "Magic School Bus" Portraits with the Fake and Famous Trailer to hook students to a project or about a book to read "Stuck in a snow globe" story Life Cycle of a Butterfly/Frog/etc Dr. Seuss
8:00-8:45 Actively Learn Jennifer Barber Meagan Parrish	http://www.activelylearn.com classroom code: 4d616 Best strategies for focusing on literacy: *Promote active reading behaviors--

	Students answer formative questions, so that they can stop and think. Students annotate while they read *Motivation-- Social interaction Students compare their answer to their peers, to self-monitor comprehension Students have threaded discussions in the margins of a text Students receive real-time feedback from teachers, to increase the odds that they iterate on their work. *Scaffolding-- Notes, adjacent to the text, provide background knowledge or explain difficult portions of the text. Formative questions chunk a text, making it more accessible for students. Reading aids include an in-line dictionary, text to speech, dyslexic font options. The program allows you to add in questions as well as comments on the side of the text. It also allows students to define words as they are reading. You can highlight a piece of text and click "I don't understand"-- The teacher can see that and respond back to the student's message. The teacher can respond to students as they answer questions and give them immediate feedback. On the teacher end, you can see how far along the students are and how many questions have been answered so far. ** Not a huge fan of the text available. I think it could be used for an assignment every now and then but it wouldn't be something I would want to use all the time. In this resource, you can have text. You can have the students highlight the text, answer the question, click on the word to define. You can also have the kids have conversations. You can have them reset questions when the answers are Teachers can see if the students are doing the work, are you answering questions, and you can monitor comprehension, certain questions can be graded.
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	The texts for second grade were not themed related around the common core areas for social studies and science. Very long passages! Took us to the website Wonderopolis.com for reading passages
One Stop Shopping - Blending Discovery Education with Google Classroom 8:00 - 8:45 Cristina Thompson	Linking Google Classroom to Discovery Ed. You can either click the copy link or click the Google Classroom icon to share into your Google Classroom. Only use Google Classroom icon when you only want to put one item, but use the link when you are building a page with many links to several digital resources from DE.
9:00-9:45 Jennifer Barber Why Minecraft?	http://app.nearpod.com/ Code to put in to see the presentation: JDBTX viewpure.com--copy your youtube videos to allow copy videos without commercials The slides show which buttons to use on the chrome..getting started with Minecraft edu..shows lessons on how to use the keys...start off showing \$461.00 30 computers Minecraft cheat sheet included so you can challenge them and what you can view while they are working..you can chat with them..Flat world..Area and perimeter..You can turn off the zombies etc. Why Minecraft? The students love to communicate with others, Problem solving Multiplication problem that may be challenging to them with a multi-digit problem it became easier to see the multiplication connection with using Minecraft, engaging, relevant Challenges for the students to accomplish You can have students do challenges..reminds me of task cards..they follow the directions! Perfect for morning work..following directions See slides for examples Have students come up with word problems that deal with your Minecraft game Describe your place and students can guess what there place is..blog about their answers

	You can explore many seeds..see what it produced. On slides..she has education world article on why teachers should use minecraft Minecraft lesson plans, links on how to adapt in your classroom!
Expand Your Science/STEM Classroom Walls with Technology/9-9:45/ Amy Plahuta	https://app.nearpod.com/#/home Nearpod Instructions Code: XMDQK http://www.bit.ly/1N5wiiv Digital Resources Website #NoWallsSTEM Presenters: Barbara Huth (@Huth_Barbara) and Lindsay Knippenberg (@ScienceWithMsK) Nearpod allows students to have the same display on their device that you have on your own. They use Twitter for Do Now and Do Next activities. Mystery Skypes??? Citizen Science - International Student Carbon Footprint Challenge and Calculator ThinkCERCA's Social Impact Challenge Google Earth can be combined with Nearpod. Good real-time data with USGS. Great Google Applications covered.
PDChallenge: Personalized PD in your PJs 8:30-10:0 Nolan	Burke Co Kristin Edwards & Erin Wolfhope PD Challenge Website Awesome Tables - Add-On for Google Sheets Styles Add-On to color every other line in Sheets Google sheet automatically feed fed from challenge submissions

	Use Twitter to allow teachers to show off. Use NC Teaching standards to guide and entice. Working on things that impact creativity and student achievement Two people are heading it up but other ITFs also contribute Resource Folder
Personalize PD Winston Salem Forsyth Amy, Dave, Pam, Tracy, Danielle	bit.ly/pdgame16, bit.ly/rethinkkpd16 use Haiku, reveal in google slide - using rectangles, mentimeter - looks like Answer Garden Goal is to get teachers excited about learning. - Bike video, Google Ambassador - 4 levels Each set up for Drive, Mail, etc Digital Promise - http://www.digitalpromise.org/initiatives/educator-micro-credentials Badging - Get people to ambassador level. Must go through levels. Can test out. Once at ambassador levels they can help others. (Recheck Haiku page for link later to this). Personalized and self-directed but not yet competency based at first. Now put in an LMS to begin badging, submit artifacts for proof, and make competency based. Badges can be used for evaluations. (or PDPs) PD is blended. Some is online. Some is face to face. Teachers gain experience points. Teachers can choose level of implementation. Can get so number of points for each level. 1000xp = 1 CEU. The way the law is written - it does not have to have a teacher sitting in a chair in a class. List of Tools shared: https://docs.google.com/spreadsheets/d/1_hyzrw2KpGcOsWnzHh681BJEvwee5FEbIsbYiOAVt7I/preview
Admin Tools for Meetings 9:00 - 9:45 Cristina Thompson	This shows ways to engage staff during meetings. https://sites.google.com/a/cravenk12.org/admintools/ Padlet used as an opener to discuss a video clip and ideas google calendar discussed and shared: (could do a parent info calendar) agenda has a lot of extra videos to help build the type of

	calendar that would best suit the activity or idea. https://sites.google.com/a/cravenk12.org/admintools/agenda use .cov to change your PDF closed documents into a doc for all to edit; then share through Staff Google Classroom Mentimeter allows for a lot of poll data to show at one time. Multiple graphs on same screen. Won't have to go to different polls. Different result types from the poll allows the meeting presenter to show as graph, word cloud, etc. Pull in EDpuzzle to break up training, gather data and feedback as your are teaching PD. It allows you to break up video into different clips and time stamps. Audio notes can be placed in this tool. Great for learning and discussion that is digital, so this won't have to be a face-to-face meeting. EDpuzzle links to Google and will go into Google Classroom. Take a video of instruction or directions, then use the EDpuzzle to share and clarify learning and understanding. Flippity game would be great for reviewing rules, procedures, etc. Teachers could play this in a face-to-face meeting to get feedback on understanding of meeting. Apples to Apples - Digital Citizenship (not digital)
9:00-9:45 Differentiating with Digital Literacy Tools	Livebinder--Differentiating with Digital Learning Tools  The infographic is titled "DIFFERENTIATION IS" in large, bold, teal letters. It features several colored boxes with text: a teal box on the left says "AN IDEA AS OLD AS EFFECTIVE TEACHING" and "VALUING and PLANNING for DIVERSITY in HETEROGENEOUS SETTINGS"; a yellow box in the center says "Lessons designed around PATTERNS OF STUDENT NEED" and "Necessary for success with standards for a broad range of learners"; a teal box on the right says "USE OF WHOLE-GROUP, SMALL-GROUP & INDIVIDUAL TASKS BASED ON CONTENT AND STUDENT NEEDS"; a yellow box below that says "PURPOSEFUL USE OF FLEXIBLE GROUPING"; a teal box at the bottom left says "A STUDENT-FOCUSED WAY OF THINKING ABOUT TEACHING AND LEARNING"; and a teal box at the bottom right says "TEACHING UP AT THE CORE".

	<table> <tr> <td>Technology Tool</td> <td> Blendspace NewsELA Read Actively or Curriculet </td> <td> Google Story Builder Adobe Slate Video Scribe Anywhere </td> <td> Educreations Google Drawing Evernote VoiceThread </td> </tr> <tr> <td>Example</td> <td>Teacher creates a reading assignment in an interactive eReader that includes questions requiring students to use specifics from the text to answer correctly.</td> <td>Create a "Significant Quotes" digital story centered around a main idea from the text. Use quotes as the main "text" of the story.</td> <td>Select one section of the text and take a picture of it to analyze. Upload the picture/text and annotate the text by adding comments, by highlighting or drawing, by narrating, etc.</td> </tr> <tr> <td>Differentiation*</td> <td> Content: • Student texts vary based on reading level • Students have "choices" of evidence in open ended questions • Students are asked to provide different types or amounts of evidence </td> <td> Process: • Students work in groups to read and find the main idea • Students have different roles in terms of quotes </td> <td> Product: • Students choose the technology tool to annotate the text • Student texts vary based on readiness levels </td> </tr> </table> <i>*Other methods of differentiation or technology tools may be appropriate based on student readiness, interests, or learning profiles</i>	Technology Tool	Blendspace NewsELA Read Actively or Curriculet	Google Story Builder Adobe Slate Video Scribe Anywhere	Educreations Google Drawing Evernote VoiceThread	Example	Teacher creates a reading assignment in an interactive eReader that includes questions requiring students to use specifics from the text to answer correctly.	Create a "Significant Quotes" digital story centered around a main idea from the text. Use quotes as the main "text" of the story.	Select one section of the text and take a picture of it to analyze. Upload the picture/text and annotate the text by adding comments, by highlighting or drawing, by narrating, etc.	Differentiation*	Content: • Student texts vary based on reading level • Students have "choices" of evidence in open ended questions • Students are asked to provide different types or amounts of evidence	Process: • Students work in groups to read and find the main idea • Students have different roles in terms of quotes	Product: • Students choose the technology tool to annotate the text • Student texts vary based on readiness levels
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Blended Learning in the Upper Elementary Dave Hinrichs	FAIL - Presenter never showed. Boo!												
TWITTER-ACY 10:30 - 11:15	https://goo.gl/Ot4rad Winter reading challenge done - example: https://www.smores.com/6hmc0 Fun summer idea - incentive to tie into reading challenge by posting the book being read. For elementary level, parents would need to tweet. You can do a combined paper-pencil and Tweet version of this reading challenge to accommodate families. What is our school hashtag? Are all schools in the county using the school hashtags? Global connections through Twitter - ww2.kqed.org/education Do Now - a weekly activity for students to engage and respond to current issues using social media. http://theglobalreadaloud.com												

	GEO Tweets is like a mystery of where you are using Google maps. 7billionothers.org has testimonies from people in different countries. hashtags to follow: @gov, @unicef, #globalgoals
Ignite a Fire in the Media Center 10:30 Burke County Amy Stanley & Pam	tinyurl.com/lmsncties2016 - whole folder of lessons for middle school Deborah Dale and Chyrstal Hirsch Used her Makerspace to make connections to the projects that the teachers are doing with her Discovery Place - Education Studio - Camp in Charlotte http://www.discoveryplace.org/education/education_studio
Teaching "Wired" Learners by Kevin Honeycutt 10:40-11:25	"If the people in my town are not braggin about what I do, that's my fault" "I believe in building entrepreneurial kids" "It looks weird. Do it anyway. Figure it out" Ask the kids to help you tell the story "No one will attack student success" "Your biggest weakness is your biggest strength waiting to be told well" Do it mediocre on purpose and then ask the students to do it better than you. tunecore.com Have students read a story out loud and publish it! "Video is an excuse for narration" Help kids build a digital legacy that is positive. Lead by example. "Make fun of me if you want, where's your video? Then shut up" Approach Ss to do an outreach audio book reading to help struggling learners.

	Take a video of where you are, do a little virtual field trip and then challenge the kids to tell you about where you are. Geography challenge: uses a puppet to talk to kids about the place he is but giving wrong information and then the kids can make a challenge video to correct the puppet's information. Is your school GLOBAL or SNOWGLOBAL?? Lulu Picture book, then captions, use speech-text, then a paragraph, "small school publishes books, gets kids copyrights" "tell our story" gogodium
Imagine the Possibilities with Global Synergy/10:40-11:25/ Amy Plahuta	Jessica Esposito and Cheri Hudson from Catawba County. https://www.smore.com/47z5e Global Synergy and the 4 C's. 2nd grade teachers. Learning activities and outcomes. Uses Globes and Maps integrated into everything. Landform and Flat Stanley unit - They turned it into a Flat Superheroes unit. State Park Unit. Contacted National parks ahead of time to ask them if they were the best person to send the letter to, before the kids sent their letters. *100 Questions about the world *Maps and Post-it Notes *Globes, globes, and more globes *<u>Flat Stanley</u> by Jeff Brown - Students' own faces are printed and put on their Flat Superheroes. Pictures can now be sent digitally. Much quicker. Sent letters to museums and national and state parks, rather than relatives. Got many pictures, responses, and resources. *<u>Dear Mr. Blueberry</u> by Simon James.

	*Letters From Felix by Annette Langen & Constanza Droop *Landforms Unit *Google Maps and Virtual Tour of National Parks Next, to incorporate jobs/professions, will target universities and businesses. “Our Future’s So Bright, We’ve Gotta Wear Shades”. *Shared a Set Sail with PBL (Problem-Based Learning) smore. Can access from the smore link above. *Watch Chloe’s “I Am” video. VERY POWERFUL. *Don’t forget about Voki - Great for having the kids share review info.
Blogging about Books with Scaffolding for student success Danielle Simerman Meagan Parrish Jennifer Barber	Writing with purpose...giving students a real audience. https://tackk.com/books2blogsNCTIES Using Google Forms to create a blog using WordPress Independent Reading into Interactive Blogging Turning Independent Reading into Interactive Blogging
Vendor Jennifer Barber	Roman Salisbury School STEAM Summer Programs/Class Activities www.smores.com/x3ft1 The school has a summer program that uses STEAM activities They also got rid of their computer labs and use them for STEAM activities. On the above link you can use see their common core STEAM activities..Very useful website!

Re-Imagine History! Connecting Students to Social Studies using Art, Math, Research, and Technology/11:35- 12:20/Amy Plahuta	http://bit.ly/ReImagineHistory Barbara Balchunas, Art Teacher, Davis Drive Elementary - @balchun2 Susan Bock, School Library Media Coordinator, Davis Drive Elementary - @SusanLBock Kristin Nance, 5th grade ELA and SS Teacher, Davis Drive Elementary - @MrsNanceTweets American Revolution Unit for 5th Grade Social Studies Used Media Coordinator for research Social Studies teacher had students do info. slides on historical figures. Students create a 3D printed stamp based on the textures and paintings of their historical figures. Then, art teacher incorporates artwork associated with the project as well. Then, students used Green Screen to recreate the art piece with themselves in the pose and their artwork as the Green Screen background. Green Screen by Dolnk Shared pictures through Google Classroom. Tinkercad is the app for designing the 3D stamps. Reflection and writing at the end. Be sure to design a handle on your stamp. XYZ - DaVinci Junior 3D Printer \$250! on black Friday. (this is awesome they sell at Barnes and Noble and it was still really cheap! - less than \$400 - they are bringing one to the Digital Conference in JCS)
Engage and Inspire Your Students with Gamification and XP Points	https://goo.gl/PV4FeK
Who's Russian through the Cold War? Not US!	tinyurl.com/nkz7jms

11:35-12:20 Jeremy Barbour	Middle School Lesson to include all aspects of the Cold War into one tech-driven lesson. 3 different projects are given to the students and they compete with each other in completing each project. Students and teachers judge winners and students can get eliminated from the "competition."
Collaborative Cafe Wake 11:35 Amy Stanley Danielle Simerman Meagan Parrish	goo.gl/k43LYd , Seth Gearren and Wanda Hanley, Turner Creek Elementary cafe model with Discovery Education with Board Builder - use to flip your class, or PD, DoInk, PlayOsmo, Voicethread - call to get a discount - Sadie Anderson (California) K-12 Kristy Meyrick at Wake sent her an email for us :) Book club with Google - meetings, etc
Location Based Gaming 11:35 Pam Batchelor	Munzee, Geocaching, Wallabee, Sighter, Letterboxing Must have internet connection to play (wifi or data) Problem with Geocaches are not maintained...up to 30-40% are empty/not maintained. Munzee is a QR scavenger hunt game. Placed 50 feet apart, no reviewers. Player reviewer with automatic review of inaccurate locations.
Engaging the Unengaged 11:30 Gail Anthony	bit.ly/1RsXWbj Contains links to different presentations Tracy Fox, Jaye Parks, Erin Walle - Iredell-Statesville Schools room.co - Video chat, can be used with students in another country, or just students down the hall in another classroom.
Mobile Apps in Common Core-aligned ELA & SS 11:30 - 12:15 Cristina Thompson	Tech4Teachers.com PracticalEdTech.com bitly.com/tiegooogle Apps that can do fun stuff with pics: Google Goggles for android; camfind app; blippar app comparing sources (common core) https://docs.google.com/document/d/1Z-vO0HsJPYp-MSuM96VoTMnkbnZ36E_YJeAHUZNtUw/edit

	close reading : bitly.com/tieclosetalk research in cooperative groups lesson idea: bitly.com/tiegroup Be careful with copyright, so use creative commons or copyright free works. Tellagami is on Apple app bitly.com/tievideo takes you to workshop on how, ways, why of making video Book Creator app \$5, but really good picCollage app bitly.com/tieslides for the whole presentation
11:35- From a Poem to Photograph Technology Integration Jennifer Barber	From a Poem to a Photograph: http://poetryphotoprojectresources.weebly.com/ Impact school-very rich in technology.. Click on the Resources TAB To be done at the end of a Poetry unit..You can identify figurative language in a poem. Geared for the higher grades. 1. Let them choose a poem from the link on the above link..Billy Collins has 180 poems.. Process the poems. You can follow the steps on the website for this project. 2. Take a device..go take a picture
11:35- Chrome your way with Math each day Jennifer Barber	http://goo.gl/3DACdB Great Resources for Math..websites..Google Drive activities..on the above link..Flubaroo..practice for multiple choice questions Use google Drawings to show math tools etc.Google interactions on Fractions Useful links
Successful 1:1	1:1 slideshow Admin: Get the right people on the bus. Get the wrong people off the bus. You have to have an ITF at your school to lead the team to make this successful. Transparency

	Open lines of communication Don't mandate 1:1 if they are not ready Implementation Chromebooks Remind Canvas LMS PD: Teachers, students, parents Parent night How to use/take care of Tech showcase night for the community Parent training Have a plan for rollout stations for checkout scan in Destiny Chromebook management- monitor students, have expectations!! in every classroom? or school-wide? Have a conversation about the negatives: have someone go out just to collect the negative feedback
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Wednesday PreConference

Session/contributor	Notes

