

INNOVATIVE EDUCATOR CONSULTING'S TECHNOLOGY BYTES

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New Website:

<http://IEC.Network>

Jeff Harm, CEO

Naomi Harm, Founder

Deb Norton,
Lead EdTech Facilitator

Kim Berg,
Virtual Administrative Assistant

STAY CONNECTED!



#IECRocks



Greetings from the Midwest Innovative Educator Consulting (IEC) team!

More creative changes have been underway these past few months with growing our training choices, deliverables, and moving our team of consulting efforts forward. With these changes comes some updates with IEC branding and renaming of our domain name. These new changes will allow for you to find our IEC website more easily and stay connected all year long with the teacher leaders who are consultants for IEC.

Innovative Educator Consulting's new website will be renamed from Naomi's personal brand name of <http://naomiharm.org> to IEC Network <http://IEC.Network>. This new domain name will be live the beginning of August to be more reflective of our collaborative consulting team and professional learning offerings. Jeff Harm – Naomi's incredible husband, will be leading the company as the new CEO. Deb Norton will be the lead IEC facilitator. Velvet Holmes, Angie Kalthoff, and Mariah Richards will be co-lead facilitators. We will still have an amazing team of dynamic consultants from the Midwest that IEC will contract with to fulfill your professional learning, training needs, contracted days of services and inspiring keynotes. Throughout the school year professional learning opportunities offered through IEC will take place on dedicated Saturday's, occasional weekday offerings based on consultant's schedules, and jam packed Summer Tech Splashes, Google Tech Academies and Personalized Learning conference.

As many of you now by now, Naomi has taken a position with Dell as a K12 Education Strategist and our family will be relocating to northern California mid September. Naomi will be supporting Dell's Education team efforts with leading K12 professional learning, technology strategic planning, 1:1 mobile teaching and learning visioning, redesigning classroom spaces with the brain in mind, and providing inspiring and motivational technology keynotes. Naomi is truly happy for this next career challenge, especially knowing that IEC will be in very good hands with Jeff taking over as the CEO. Keeping the IEC business in the family was very important, and empowering Jeff to fulfill his technology career focus at the same time is the added bonus.

Innovative Educator Consulting Lead Facilitators...



Deb Norton



Velvet Holmes



Angie Kalthoff



Mariah Richards

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SUMMER PROFESSIONAL LEARNING

Visit our website for more details as they become available

<http://iec.network/upcomingworkshops>



Back by popular demand, they're back..... yes our annual Summer Fun Tech Splashes, Google Tech Academies and Personalized Learning Conferences are under way. North, South, East, or West choose your Wisconsin location and topic that works best for you, and sign up today, as many locations are filling up fast. Special team pricing is offered on many events to maximize team collaborative learning at its best!

June 10

[Welcome to the Wonderful World of Makerspaces!](#)

Host Site: Rib Lake School District (WI)

Today classroom learning environments are more important than ever before. Learning spaces need to invoke creativity, inspiration, and a space to continuously collaborate with one's peers. Transform your classroom learning landscape with creative and mobile workflow design elements- to inspire student learning!

June 14-15

[Summer Tech Splash: Personalize Your Teaching and Learning Experiences with Google Apps and Total Participation Techniques](#)

Host Site: Iowa-Grant School District (WI)

This two day "Summer Google Tech Splash" focuses on preparing teachers and administrators on how personalized learning can empower learners in the new mobile teaching and learning environment. A variety of meaningful and purposeful student-centric learning centers supported with Chromebooks, Google Apps, and creative instructional approaches will be infused and modeled throughout these two days of facilitated instruction.

June 27 or August 15

[Putting the Passion Into Personalized Learning](#)

Host Site: Medford School District (WI)

Have you ever asked your students what their passion is or what they are curious about? Google now allows their employees to use 20% of their work time to embrace their passion. What are the benefits of this approach, and how can we give that opportunity to our students and still cover curricular standards?

June 28 or August 16

[Get Your Google On - Beyond the Basics](#)

Host Site: Medford School District (WI)

Come explore the wonderful world of Google Apps to improve your instruction, engagement and assessment through add-ons and extensions. Participants will be immersed in moving towards intermediate innovative techniques of how to use Google Apps with add-ons and extensions to enhance the mobile learning opportunities for all students.

July 12-13

[Crack the Code](#)

Host Site: Mauston School District (WI)

[Code.org](#) has developed K-8 curriculum that allows even the youngest students to explore the limitless world of computing. Courses blend online, self-guided and self-paced tutorials with "unplugged" classroom activities that require no computer. Use your coding knowledge and computational thinking skills to create 3D and online projects that are directly linked to Common Core and new ISTE standards!

July 26-27

[Go Ahead MAKE My Day! Creating Personalized Learning Spaces and Activities with The Brain in Mind](#)

Host Site: Lake Geneva School District (WI)

This two day "MAKE My Day" workshop focuses on preparing teachers and administrators on how personalized learning and makerspaces can empower all learners in the new mobile teaching and learning environment. A variety of meaningful and purposeful student-centric learning centers supported with the brain in mind, and creative instructional approaches will be infused and modeled throughout these two days of facilitated instruction.

FILL YOUR **EDTECH** PASSION BUCKET

Technology Stories of Best Practices From the Trenches

Sp

A VIDEO CREATION TOOL THAT STUDENTS APPROVE OF

Submitted by Deb Norton

There's a neat video creation tool available for your toolbox and students are liking the simplicity and ease of this site. Towards the end of the school year, students at my high school were letting it be known that they were getting frustrated with the amount of time and tedious work that they were putting into video projects for their classes. Many students use WeVideo or YouTube Editor to create video projects. Both of these are wonderful tools, but sometimes students need a simpler, quicker option. [Adobe Spark](#) is a fantastic solution! Simply add images, text, music and make adjustments to the look and feel. Share with a link or download your video and put it into your Google Drive. [Click here](#) to view the video I created for IEC. Adobe Spark also has an option to create [a post](#) or [a page](#). These are great choices for students to show their learning and creativity. I highly recommend checking out Adobe Spark for learners of all ages!

HANDS ON LEARNING- WHAT I AM EXCITED ABOUT!

Submitted by Angie Kalthoff

You may have heard of the Hour of Code. It is a great way for students to get exposure to computer science. People who participate in the Hour of Code are committing to taking one hour of their instruction time and allowing their students to explore Computer Science (CS). You may find that while participating in the Hour of Code your students are engaged to the point of you wanting to go beyond an hour. I know that is how I felt! Here are a few tools I am excited to use with students as we move beyond an hour of code. These tools let my students see the program they are writing in action. Here are three of the many wonderful tools available for you as an educator starting with students as young as PreK:

[Blue-Bot](#) is one tool from Terrapin Tools for Thinkings. It has bluetooth capabilities to



allow for you to program from a computer or tablet. If you don't have access to a device, no problem! Blue-Bot has arrows on it's back that students can touch to create a program. It will help teach sequencing, directionality, problem-solving, counting, and estimation.



[Puzzlet](#) is a hands on tool that integrates hands on play with interactive gaming. Students learn perseverance, among other skills, through Cork the Volcano with a focus on logic, problem solving and coding. Teachers are provided with standards aligned curriculum that can be implemented in their classrooms to a variety of ages.

[Ozobot](#) is a powerful tiny robot that expands STEM and computer science learning

through a collection of game based activities and digital apps. Students learn programming through an

online application, Ozoblockly, or through drawing, OzoCodes. Ozobots work with a variety of learners and upon visiting their website you will see a repository of lessons created by teachers that you can use in your classroom.



Join me to learn more about how to incorporate code into your classroom at a free Code.org workshop. For dates and locations visit [bit.ly/codewithangie](#) or join us in July for Crack the Code!

FINALLY, A TOOL FOR TEACHERS!

Submitted by Angie Kalthoff



Are you tired of keeping track of your professional development documents? Do you have a folder full of them? How many hours have you actually completed? Ermarie can help!

In the last issue of Tech Bytes, I shared my new program Ermarie and experience at Twin Cities Startup Weekend EDU. As a teacher in Minnesota, I need to attend 125 hours of Professional Development (PD) every five years. These PD hours need to cover five different topics. With a June 30th deadline, I need to turn in all of my documents to the state of Minnesota to renew my license.

Ermarie helps you easily save and organize your documents to your own online secure storage space as well as coordinate “opportunities” which are workshops/summits/conferences/meetings. Go to www.ermarie.com to create your free account today. We are in the process of adding new features which are expected to be released this summer! You can help! Create an account, upload your documents, and send feedback to kalthoff@ermarie.com.



REDESIGNING LEARNING SPACES – WHERE TO START

[Define Your Student Purpose](#) – Where do you learn best? How do you learn best? Why....

[Seven learning zones for student-centric classroom](#)

[Student Involvement](#) - get your students involved from the get-go to have choice and voice in their learning with the designing process, creating classroom norms to support collaboration expectations and outcomes, and student ownership and responsibility with keeping this new space organized, clean and emotionally safe for ALL students.

2016 ISTE CONFERENCE

Dell Education will have a very visible presence at ISTE once again in Denver, CO June 26-29, but with a teacher-centric learning space. Yes, Dell has planned for the ultimate playground learning experience based on the question- “What would you like to create today?” Hmmm you may thinking- of what type of creating and making will take place here, well..... rotation stations of student led Minecraft of students teaching teachers, 360 virtual reality of creating your own visual virtual reality learning experience with Google Cardboard and ThingLink, 3D printing with Makerbots and allowing you to design, code, and produce, and so much more. The Dell Education Strategist team will also be co-facilitating with K12 school leaders on high interest topics of Redesigning Learning Spaces, 1:1 mobile learning deployments, Smithsonian Learning Labs and so much more!!!!





OUR BIG BEAUTIFUL BRAINS

Just the Facts

15-4-15-4 – Research supports that our brain's become over processed, disinterested, and disengaged when new content is introduced as a direct instruction delivery only model and when the instruction is more than 15 minutes in length. Maximize those introductory activities and learning moments that provide new background information to ignite prior knowledge connections through visual storytelling, hands-on learning modules, intro tickets and do now activities. This will enhance multiple senses of at least 3 modalities of learning through visuals, auditory and tactile learning interaction to maximize the learner's experience with the content and immediate feedback and responsive interactions from both teachers and students.



Follow up with a student 4-minute reflection, Think-Pair-Share, Dynamic Duo Brainstorm, or Transformative Trio Post-it Burst- allowing all learners the process time that is needed of understanding new information, and/or formulate new questions, and to allow for more questioning opportunities to verbally ask. Students should have the opportunity to reflect

up to 3 times per hour/per lesson and interact with new content to allow the "content to stick." Pre, Mid-Stream Moment and Post creative reflection activities will allow for more processing time and for students to understand and absorb new learning, to transfer to a student's long term memory.

Next, have students put into practice their newly gained insights with a dedicated 15 minute "Apply, Process, and Produce" results dedicated time to "show what they know."

Follow-up with another "Mid Stream Moment" round of a 4-minute sketch/reflection, think-pair-share, dynamic duo brainstorm, or transformative trio post-it burst for learners to know deepen the learning process of the new applied and produced information. Summarize

and clarify any outstanding questions and results derived from the "Apply, Process, and Produce" component.

Lastly, allow for student teaching and mentoring moments. Allow students to discover and identify real-world application connections with the new skills gained. You as a teacher rotate through small group mentoring sessions and choice singleton activities, and wrap up with a form of an exit ticket to closure to the 50 minutes of learning.



CELEBRATING THE LIFE OF JAKE

<http://posthope.org/we-love-jake>

Our Jakey is getting more mobile. Since our MN weather has finally welcomed us with some days filled with sunshine and warmer temps, it has allowed Jake to get moving! He has mastered this last month to complete up to four full laps in our subdivision which is equivalent to 5200 steps. On most days he completes one lap and then rests, and then every few hours continues this process to get in four full laps throughout the entirety of the day. He states, "It make me feel so good and stay positive!" There are days when this is not possible and it is the result of the pain level he is experiencing and can tolerate. On the positive side, Jake has more positive and productive days that the extreme pain-filled days, and he is doing an amazing job with managing his pain through exercise, physical repositioning his body, and constant adjustments of standing, sitting and walking.

Jake makes our entire family so happy. His genuine kind heartedness, beautiful smile, and I can do attitude is what keeps all of us going - with a positive outlook on life with every adventure we experience with him. I never thought we would be this happy after looking back over 2 years ago since Jake's accident in Texas with the US Army. We will continue to update Jake's Post Hope webpage to reflect his learning and physical gains made as we make our way onward to California, so you can celebrate with us! We appreciate all of you, and all the kind words you have provided us through these past two years to support us with a positive mindset to make it through the most difficult challenge of our lifetime as a family.