

The “Should we use Badges and Micro-credentials for learning?” Roundtable

[February 7th, 11:00 AM Mountain Time](#)

(Click on the link to see what time it is in your area.)

Learning Remodeled Link: <http://learningremodeled.com/portfolio-item/roundtable/>

Event Link: <https://plus.google.com/events/cejcm4uscnu6oqm9ck387d4e3h0>

Link to this document: <http://bit.ly/badgesroundtable>

Link to the video of the roundtable chat: <https://www.youtube.com/watch?v=W2iIFgsXJhY>

Roundtable purpose:

- This roundtable will seek to identify and disseminate best practices for using Badges and Micro-credentials in learning environments both for adult and student learners.

Roundtable audience:

- This roundtable is for anyone who is interested in using Badges or Micro-credentialing as a strategy to personalize learning.
- It is also intended for those interested in:
 - Gamification
 - Blended Learning
 - Competency-based learning

Background:

- Previous Roundtables:
 - <http://bit.ly/pplroundtable>
 - <http://bit.ly/gappslms>
- The Personalized PD Community (please join!):
 - <https://plus.google.com/u/0/communities/112568347126839900241>
- Conversations about Badges within the above community:
 - <https://docs.google.com/file/d/0ByXFNpMMmaw3V1hhZVVDOGplcms/edit?usp=drivesdk>

- <http://x2t.com/277279>

Essential Questions (list any questions important to answer in planning or on the roundtable itself):

- What are the essential elements of a great badge or micro-credentialing system?
- What are the benefits and pitfalls of including badges in a learning environment?
- What are the differences between badges for student learners and adult learners?
- How can you design/plan a system that students will be able to use as they change institutions (move from elementary to high school to postsecondary)?`

Hangout roundtable members (on the video):

(Please write your name and your role and what your definition of blended learning is within the space.)

Your Name:	Your Role:	Your Google+ profile	Your Twitter Profile	What is your favorite use of badges for learning?
Ben Wilkoff	Facilitator of Hangout and Director of Personalized Professional Learning in Denver Public Schools	http://google.com/+benwilkoff	@bhwilkoff	• My favorite use of badges currently is within gamified PD described here: http://prezi.com/hzqbzhjmcuyl/gamification/
Ginger Lewman	PBL, Tech, GT Consultant at ESSDACK (Hutchinson, KS)	https://plus.google.com/+GingerLewman	@gingerlewman	This isn't the vid I love the most from Gabe Zichermann, but this woman addresses my concerns in a really positive way (starting mostly at 4:50): http://www.youtube.com/watch?v=F4YP-hGZTuA But GabeZ has a great addition to Richard Bartle's gamer types, as it relates to

				gamification: http://www.gamification.co/2013/08/12/a-new-perspective-on-the-bartle-player-types-for-gamification/ Because badges are more about motivation as a marketing tool than necessarily about game-playing. Or even learning.
Philip Vinogradov	Instructional Technology Specialist Centennial School District (PA)	https://plus.google.com/+PhilipVinogradov/posts	@pvinogradov	My model for leveraging badges has evolved over time. Badges reinforce behaviors and practice that support individual and group learning, while building towards learner autonomy. http://prezi.com/hzqbzhjmcuyl/gamification/
Jade Forester	Open Badges Global Coordinator @ Mozilla Foundation	https://plus.google.com/u/0/+JadeForester/posts	@jade_forester	I love the Chicago Summer of Learning: www.chicagosummeroflearning.org/ (which is now City of Learning: http://explorechi.org/)
Colleen Murray	Teacher and Education Consultant	https://plus.google.com/u/0/+ColleenMurray	@colleenbrazill	Newbee
Joyce Seitzinger	Education and Community Management consultant		@catspyjamasnz	As a Learning Designer with 15 years experience, I'm exploring the possibilities of badges to make a difference in learning design in education, particularly in higher ed. Currently working on a university open badges project here in Australia. I'm also in the process of setting up an Open Badges community for NZ and Australia. Please follow @ob_anz for updates. First

				community call at the end of Feb :-)
Shannon Smith	STAR Lab Teacher @ Ponderosa High School - DCSD	+ShannonSmithSTARLab	@phsstarlab	What kind of argument can I make to a principal or BOE that badging can take the place of credit recovery courses? How do successful badging classrooms align their badges to their state standards or the common core? What different badging management “classrooms” are out there - I don’t want to have to use 10 different products to manage badging for my students - I want one stop shopping. How does online badging translate into high school transcript credit to be presented to colleges?
Mattea Juengel	Math Teacher at Abraham Lincoln High School	google.com/+MatteaJuengel	@PsyloNerd	My only experience with badges is the old-school version - sticker charts. I’m currently working on a group project for one of my graduate courses about badges and would like to learn more. I can envision how I would use them in my classroom, I just need to understand logistics better before implementation.
Chris Hesselbein	Tech Integration Consultant IGNITEducation	+igniteducation	@ChrisHesselbein	Badges have two essential functions: immediate feedback on an achievement, and a visual record of those achievements for future reference. An ideal badging system is one that can cover both of those functions while at the same time integrating with your current learning platform. So what are your desired behaviors or accomplishments? They could align to state standards, classroom goals, or even student behaviors. What platform are you using? Face to face, online, hybrid, flipped? An online badging system has certain advantages in an asynchronous virtual classroom, but they do not necessarily hold up in a face to face classroom which needs immediate acknowledgement. I like the idea of http://www.forallbadges.com/

				because it can span the gap...but it still needs some work.
Joe Dillon	Instructional Coordinator, Aurora Public Schools	https://plus.google.com/+JoeDillon	@onewheeljoe	My favorite use of digital badges so far is the Chicago Summer of Learning (agreeing with Jade above) That project was focused on decreasing the “summer slide.” It opened up the possibility that the community could be the instruction provider and issue credentials.

Hangout roundtable viewers:

(Please put your name and your role and any key questions that you would like to ask participants within this roundtable)

Your Name:	Your Role:	Your Google+ profile	Your Twitter Profile	Questions you want to ask of those on the roundtable:
Liz Keleher	Learning Programs Manager, Edmodo	google.com/+ElizabethKeleher	@LizEdmodo	Currently, Edmodo educators can create and award badges to students. Given the open nature of this feature (any teacher can award any student a badge) how can we enable teacher badging to ensure these badges reflect best practices in professional development and credentialing? Should we simply mirror student badging where any teacher can award any other a badge, or is there a more effective model that reflects both simplicity and value?
Linda Jones	Coordinator/ Technology Integration	https://plus.google.com/+LindaJones	@ljones4400	

	Specialist			
Jerry Isdale	SpaceGAMBIT USA Project Lead			SpaceGAMBIT is an open-source space program funded by the US government. We funded Space Badges for Hacker Scouts, and we're looking at how we can use badging for space/STEM outreach, planetary defense, training future astronauts and much more.
Alex Cureton-Grif fiths	SpaceGAMBIT International Project Lead		@alexcg	SpaceGAMBIT is an open-source space program funded by the US government. We funded Space Badges for Hacker Scouts, and we're looking at how we can use badging for space/STEM outreach, planetary defense, training future astronauts and much more.
Kevin Croghan	Personalized Learning Field Manager D'Ever Public Schools	+Kevin Croghan	@mrcroghan	Badging & Adult learners: How do you see badges shaping the future of certification for teachers? What are the challenges in keeping badges in a single place. I know Mozilla has a backpack, but I also think about how do I organize, what is most valuable to showcase and where is the best place to actually store them. One of the nice things about a resume is that it happens on a single sheet or two. Also, what are the entry points? Not everyone starting now is a beginner, so how do we in essence, give credit to people

				that already have mastery? Can they show just the highest of achievements? What are the implications of starting at the end of a strand of learning in a badge?
Tanya Roscorla	Education reporter for the Center for Digital Education	+Tanya Roscorla	@reportertanya	Where do you see badges headed in the learning environment? What challenges exist with awarding badges for learning?
Chris Sessums	Chief Learning Officer @AnEstuary	+Christopher Sessums	@csessums	In what ways is quality learning inferred by badges? I.e., How do we know badges represent quality learning experiences and outcomes?
Ryan Smith	Professional Development Supervisor, Round Rock ISD	+Ryan Smith	@rrisdpd @rfs426	How do badges and micro-credentialing interact with traditional teacher appraisal systems? What if you have a teacher that looks great on paper through badging, but is on an Improvement Plan based on classroom performance and student achievement.
Kyla Uribe	First Grade Teacher, Computer Resource Teacher , Sage Canyon Elem/DCSD, Colorado	+Kyla Uribe	@kylauribe	
Rae Fearing	Educational Technology	+Rae Fearing	@raefearing	I am hoping to create a version of Leading Edge Certification for teachers in my region

	Coordinator Del Norte County Office of Education			and would like to incorporate badges. I am interested in the best models for optimum motivation and implementation.
Rhonda Jessen	Curriculum Manager Alberta Education	https://plus.google.com/u/0/110400579185664736337/posts	@rljessen	I am interested in the potential open badges have to migrate with students as they move through different institutions.
Michelle Dame	Technology Coordinator/ teacher Morey Middle School	https://plus.google.com/u/1/?tab=XX		
Laura Mitchell	First Grade Teacher, Denver Public Schools	+LauraMitchell	@LauraGMitchell	
Melissa Garner	Ed Tech Coordinator for Salem-Keizer Public Schools (OR)	http://google.com/+MelissaGarnermoseylissa	@moseylissa	So far my favorite has been to increase visibility and participation in http://teach.oetc.org . I'm really intrigued by the use Ben described here: http://www.youtube.com/watch?v=RMQm9lR7Lro Here's what I said in response: http://www.youtube.com/watch?v=WOsbDlv9ENk
Alana Berland	Senior Coordinator Principal Effectiveness,			How do badges motivate adult learners to engage?

	Denver Public Schools			
John Graves	Data Scientist, Datamine, Auckland, NEW ZEALAND	+JohnGraves	@slidespeech	Interested in Badge AI - making badges machine readable so systems can respond in badge-holder-aware ways.
Anne Hole	Learning Technologist, University of Sussex, UK	https://plus.google.com/+AnneHole	@AnneHole	interested in open badges for staff and students in HE.
Jessica Raleigh	4th Grade Teacher, Denver Public Schools	+JessicaRaleigh	@TyrnaD	How do we, and should we be worried about trying to, keep a focus on the love of learning and intrinsic motivation within these systems? Could there be long-term implications with badges and gamification encouraging learners to be more motivated by a self-serving mentality or “tangible” rewards than on consideration of the greater good and enjoying the learning itself?
Marc Long	Academic Products, Denver Public Schools	+MarcLong	n/a	
Danielle Ongart	PL Manager, Denver Public Schools	+DanielleOngart	@D_Ongart	How can we use badging for professional learning experiences? How can we crowdsource the “behind the scenes” work of reviewing and awarding badges? I am concerned about the burden of the awarding piece to seem too large to folks

				and they won't be willing to try them. BTW - I'll be in the car (as a passenger) for the first part so if I lose signal I'll call in again.
Brenda Hauff	USD259 - PVMS	+BrendaHauff www.brendahauff.com	@brendahauff	currently not using badges
Marci Boatwright	DCSD Chaparral High School	https://plus.google.com/u/0/103377815439903136916/posts		Wondering about the implications for high school students? Are they motivating for this age "regular" student?
Walter Tom	FURTHER by Design	google.com/+waltertomb	@gnarlytubes @furtherbydesign	Exploring badges and formal and informal mentor pathways for learning, job opportunity and community within Early Childhood Education, STEM, and Grand Challenges.
Nick Steinmetz	EdTech Coach Aurora Public Schools	+NickSteinmetzco	@ndsteinmetz	What others are seeking to use badges for, increasing motivation & competition among students, design and roll-out plans
Verena Roberts	Founder - GoKeiro	VerenaRoberts	@verenanz	Created a Learning Pathways Tool - Implementing Ecosystem for Supplying and Offering Open Badges k12 through competency based learning (From Canada - not focused on "common core competencies" instead competencies for learning - Mozilla Web literacy http://gokeiro.com/ Want to think about what kind of credibility badge suppliers need to offer/consider..?

Scott Kinkoph	Lead Technology Teacher, EdCoach Brecksville-Brookview Heights, Ohio	+ScottKinkoph	@ScottKinkoph	Use of badging to credit educators after successfully completing PD, gamify my classroom
Eric Curts	Technology Integration Specialist for the Stark Portage Area Computer Consortium (OH)	+EricCurts1	@ericcurts	
Donna Goodwin	English Teacher and Learning Specialist	google.com/+DonnaGoodwin	@DLgoods	Haven't used them successfully yet
Lori Lind	Instructional Technology Specialist Round Rock ISD		@itsthecanyon	I have used Edmodo badges in my classroom and now our admin is wondering if this would help motivate our teachers to integrate more tech. in the classes.
Kelly Sain	Director of Educational Technology	+kelly Sain	@kjsain	Used within Edmodo and my former classroom
		+DerekYoungDPS		Using extrinsic to turn learning intrinsic? Rubric for award? Types of 1 award? What is the true intention of micro-credentialing? What happens when you have to live in both? Would kids start preferring one over the other - so they are turned off from the start if they like one or the other, and it's not

				there? (concern with currency model - currency implies inflation/arbitration/all other +’s and -’s that come with that too. I think it’s how they’re (currencies/badges/etc) used - whatever “they” are? Good start, but currency isn’t sustainable - there needs to be a will and a want that money can’t buy.)
John Martin	Tech Director Plymouth Elementary School School Board Member, Inter-Lakes School Dist.	+JohnMartinNH	@edventures	
Majid Manzarpour	Founder & CTO, Synergise Training for Google Apps	+MajidManzarpour	@MajidManzarpour	What are the best software solutions to managing and distributing badges in a learning environment?
Malcolm Mulroney	Denver Public School Facilities	+Malcolm.Mulroney		Focused at a campus level, how would the Badge/Game be expanded to this level, out of the classroom and incorporate the whole learning experience. to include a team. IE, you need 2 strong math, 1 strong art + 2 general worker to get a badge?
Scott MacLeod	World University and School, like Wikipedia with MIT OCW, Founder and President	https://plus.google.com/u/0/115890623333932577910/	https://twitter.com/WorldUnivandSch	In what ways might badging at middle and high school levels eventually lead to university degrees, and particularly at, for example, Creative Commons’ licensed, online MIT-centric World University and School - (‘Admissions at WUaS,’ with links to different, planned, online degrees)

				http://worlduniversity.wikia.com/wiki/Admissions_at_World_University_and_School#World_University_and_School_Links) - with MIT OCW audio and video courses (http://ocw.mit.edu/courses/audio-video-courses/ , with graduate student instructors from great universities in G+ Hangouts, for example, as a beginning basis? (http://worlduniversityandschool.blogspot.com/?view=sidebar)
Vickie Echols	Leadership Deveopment, PD for Region 7 ESC	+VickieFowlerEchols	@vechols	I am eager to see how adults are responding to this system of growth. Do badges encourage more of a growth mindset for adults? How will internal systems complement the state's required appraisal system?

Reflection on this session:

If you would like to receive an Open Badge for your participation in this session, please go ahead and submit a reflection blog post, document, or video to this P2PU badge site for review: <http://badges.p2pu.org/en/badge/view/311/> . We are intentionally keeping this open ended. However you choose to reflect upon what you have learned or how you will apply that learning is up to you. However, if you are stuck, here are a few guiding questions to answer in your reflection:

1. How did/will this roundtable change your practice?
2. What new connections or collaborations are now possible because of this roundtable?
3. How did this roundtable make you think differently about the way you approach teaching and/or learning?
4. What will you do with the knowledge, understanding, and connections you have made as a result of this roundtable?

Please also put your name and project link in here for easy viewing:

Your Name	Your Reflection Link
Karen Justl - karen.justl@springbranchisd.com	Need the link to the recording - having to leave for a meeting
Lori Lind - lori_lind@roundrockisd.org	http://goo.gl/oDzgEZ
John Graves - john.graves@slidespeech.com	Google+ Post to Using Google Apps as a Free LMS
John Graves - john.graves@slidespeech.com	SlideSpeech summary of Roundtable (12 slides)
Open Badges Australia & New Zealand community (OBANZ)	@ob_anz
Chris Hesselbein- @ChrisHesselbein	http://ignitededucation.com/2014/02/10/botanical-badging/

Notes from the Roundtable:

- “Are badges like [Book It?](#)” What are the implications of rewarding learners with a badge?

- Systems like Book it are designed to be Extrinsically rewarding. Do things... get stuff. Badging systems don't have to be. In fact, Badges should not be viewed as a system in itself. It should be viewed as a tool of a larger, Intrinsically motivating system. (Chris Hesselbein)
- Badges aren't really about motivation primarily, they're about recognizing (and being able to prove/verify) learning or competencies. The motivation is something 'extra' on top of this skills recognition (Jade)
- How does that continue beyond traditional K-12 education?
- "If we are being critical of badging should we also be equally as critical of traditional assessment?" +1
- "How can badging become one piece of the larger picture rather than an add-on being attached to the learning?"
- Badging can be used as a K - 1000 system, where we can build communities of mentor ladders. Opportunities for kids to learn and work on skills with scientists, artists, reporters, journalists, etc. +1
- "The 'front of the badge' is like the certificate, whereas the 'back of the badge' contains metadata and evidence of learning. What can that 'back of the badge' look like?"
 - I'm thinking about how valuable reflection is as evidence of learning, and about how the 'back of the badge' could include some information and takeaways for others to learn from. Sharing the knowledge acquired and thereby connecting to others is very important. (Jessica Raleigh) Yes, community building through badges (Jade)
- Could teachers endorse each other with badges like on Linked In? Could students endorse/badge their teachers?
- Ben mentioned [P2P University](#) as a type of accreditation on badges by having peers evaluate. That may still have a form of high praise. For example, a Ben Wilkoff verifying my ability to use hangouts would be worth more than some other Joe Schmo.
- Badges for "marketing learning"
- In 10 years, are educators going to be prepared for learners' expectations of personalized learning?
- Ben mentioned that there would be another session on this topic after the [open badges summit](#). I think this is a link to what he was talking about.
- "Choice and meta-cognition"
- I like the idea of levels of badges - whatever the names are (entry level, contributor, master, creator) and if students earn badges, then they are a resource for others. It identifies who can be a resource.

Tools For Badges:

<https://sites.google.com/site/ceetlearningpathways/follow-a-learning-pathway>

Community-curated badge issuing platform list: <http://bit.ly/platform-chart>

Resume 2.0: barnum.accountservergroup.com

- <http://sussesonderby.tumblr.com/post/72558922353/resume-2-0-the-beginning-and-following>
- http://sussesonderby.com/#tab_Resume
- <http://openbadges.tumblr.com/post/74287471959/open-badges-community-call-jan-22-2014> (summary of Susse's presentation on an Open Badges Community Call)
- Mozilla's UX Intern, Susse Sonderby, worked on this Resume 2.0 Project during her time with Mozilla. An amazing project, lots of potential for embedding badges and looking at skills sharing via pathways

[GoKeiro](#)

Moodle and Edmodo offer badge (and open badge) options.....Open badges are different from badges....

Options currently being offered:

<http://www.openclassroomonline.com/learning-pathways-post-3-what-options-are-currently-being-offered/>

Links:

Feel free to join an Open Badges Community Call: <http://bit.ly/OBCommCalls>

Learning currency: credit hour vs. badges and others (by Nate Otto):

<http://ottonomy.net/2014/01/20/the-gold-standard-of-education-a-flawed-currency/>

[HASTAC research](#) on badge projects from the DML competition

Digital Badges: [An Annotated Research Bibliography v1](#)

Open Badges Wiki: <https://wiki.mozilla.org/Badges/>

Dr. Bernard Bull - who taught the [Learning Beyond Letter Grades MOOC](#) - wrote this piece on how badges and micro-credentials will impact education: <http://etale.org/main/2014/01/27/how-will-badges-and-micro-credentialing-challenge-formal-education/>

Creating Competency based Criteria for open badges :

<http://www.openclassroomonline.com/how-to-create-open-badge-criteria-using-competencies/>

Project on Integrating Open Badges - Learning Pathways - Integrating Formal and Informal learning

<https://docs.google.com/document/d/1AMgeIMiJiEFqIACpzVz0T3i7SwaJPyzd7RxUIm9sk4k/edit>

Mattea mentioned edcamp Denver: [here is a community link](#)

[CyberPatriot](#) (also on [Facebook](#)).

[Flappy Bird](#) top game reviewed in Wall Street Journal

Regarding currency of knowledge demonstrated via badges, [see Half Life of Facts](#).

“You have to look things up more often and recognise that most of the stuff you learned when you were younger is not at the cutting edge.”

Invitation to join an Edmodo group to continue our conversation and create a professional learning exchange around badging. If you don't already have an Edmodo account, go to www.edmodo.com and click “I'm a teacher.” Next to “groups” on the left panel, click “+” and enter the group code: **aq5baa** to join the group. Feel free to email liz@edmodo.com if you have questions. *Please feel free to share this code with others, but please do not Tweet or post it publicly.*

From Mattea - For badges, focus should be on two things: Choice and Metacognition. If we make sure these are the two focuses of badges as we explore implementing them, we will head in the right direction.

[Issuers can set expiration dates for each badge they issue](#) - Mozilla Open Badges FAQ

Examples:

BuzzMath - Common Core aligned

<https://www.buzzmath.com/badges>

Content Knowledge Badges

Process Knowledge Badges

Achievement Badges

Press: <http://openbadges.tumblr.com/post/67555611738/buzzmath-launches-common-core-aligned-open-badges>

Makewaves

<https://www.makewav.es/badgemissions>

Chicago Summer of Learning

<http://www.chicagosummeroflearning.org/earn>

Cities of Learning

<http://bananigans.tumblr.com/post/75589824592/badgekit-powering-cities-of-learning-2014-ftw>