# Using Open Badges to share and verify formal and informal skills, interests and achievements

March 25, 2014

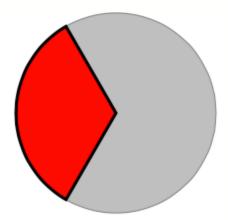
Nancy Friday nfriday@alphaplus.ca





#### **Webinar Overview**

- Traditional badges
- Digital badges
- Open badges
- Earn
- Display
- Create
- Issue
- Moodle connection
- Emerging Issues
- Next steps





Have you earned a badge of any kind before?



# Badges are not new



http://iacmc.forumotion.com/t4832-canadian-para-wings-and-patches-help-required



http://www.calgaryhighlanders.com/traditions/regimentaldress/deu.htm



http://www.ryerson.ca/feas/programs/wie/badgeday.html



http://pixar.wikia.com/Russell



# Digital badges are relatively new



http://www.4squarebadges.com



Foursquare is a social media game to compete against your friends to check in at various locations.

Earning badges proves that you are more social than your friends.

Elite badges allow the best of the best to stand out.





## **Digital badges in education**





https://www.khanacademy.org/badges





Boys & Girls Clubs of Canada Clubs Garçons et Filles du Canada











Badge Up »

http://badgecentre.ca/



#### **Uses of digital badges**

#### Issuers use badges for:

- college or secondary school courses
- camp or seasonal activity
- recreational activity
- employee training
- professional credentialing
- personalized learning

#### Recipients seek badges for:

- creating a record of accomplishment
- accumulating badges to demonstrate expertise
- displaying badges to represent participation in events
- sharing with potential employers or admissions offices

Credit: Accreditrust Badges 101 course 2014

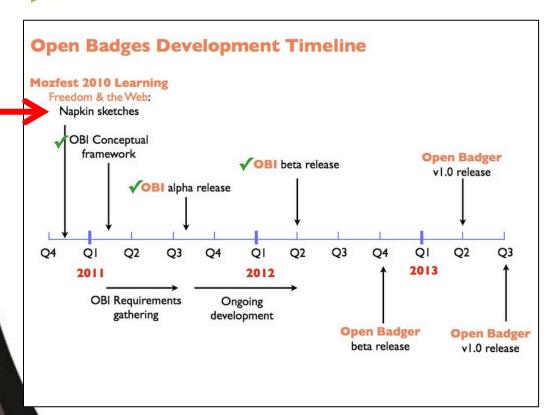


#### **Open badges**

#### Open Badges are:

- Free and open: Mozilla Open Badges is free software and an open technical standard any organization can use to create, issue and verify digital badges.
- **Transferable**: Collect badges from multiple sources, online and off, into a single backpack. Then display your skills and achievements on social networking profiles, job sites, websites and more.
- **Stackable**: Whether they're issued by one organization or many, badges can build upon each other and be stacked to tell the full story of your skills and achievements.
- **Evidence-based**: Open Badges have important metadata hard-coded into each badge image that links back to the issuer, criteria and verifying evidence.





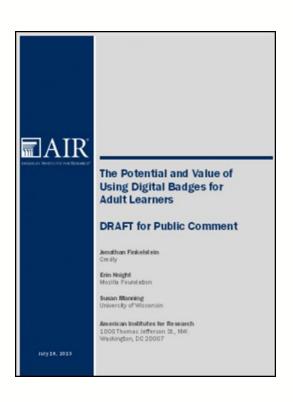












https://community.lincs.ed.gov/groups

- How are badges different from credentialing methods used in the past?
- What are the roles for quality and content standard in issuing badges?
- Where do badges derive their value, what is their value, and how might it evolve?
- What adult education issues might arise for public sector involvement in badges?

**Open Badges Infrastructure** 



http://openbadges.org/





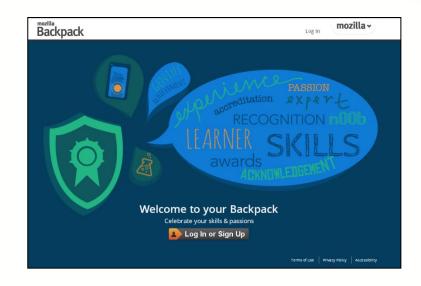
## **Open Badges Infrastructure**

#### **Open Badges Specifications**

A repository for the main Open Badges specifications.

- Assertion: Main specification for the badge data. If you want to understand how badges are made and verified, this is the place to look.
- Baking: Badge "baking" is the process of embedding a badge assertion into an image (a PNG or an SVG) so that where ever that image goes, the assertion data goes with it and the badge can be independently verified.
- Backpack [TODO]: A badge "backpack" is a web site/application that can take in & export badges. The
  Open Badges JavaScript API expects endpoints to be in specific or discoverable locations, and this
  document details that.

https://github.com/mozilla/openbadges-specification

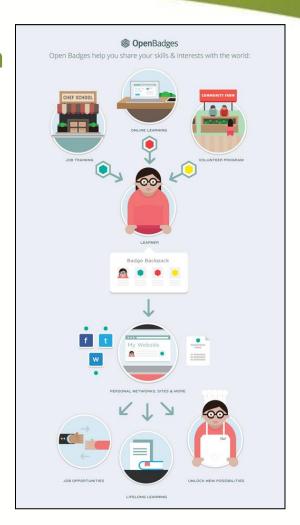


http://backpack.openbadges.org/backpack/login





Napkin sketch



Issue badges

Earn badges

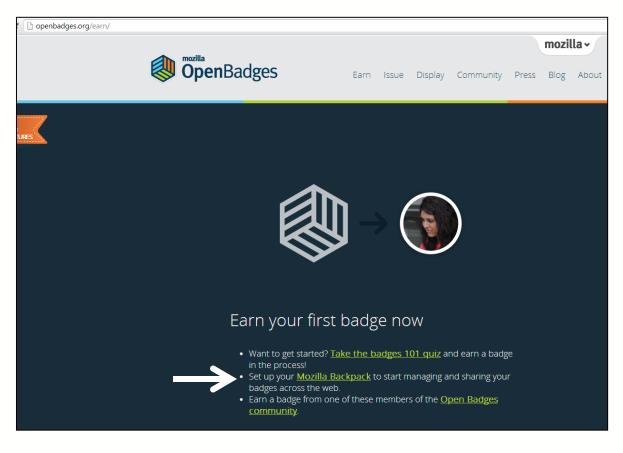
Collect and organize badges

Display badges

Promote through badges

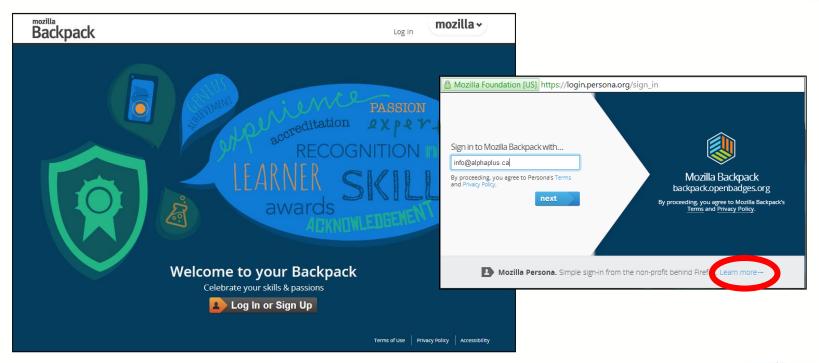


# Earn badges – Backpack setup





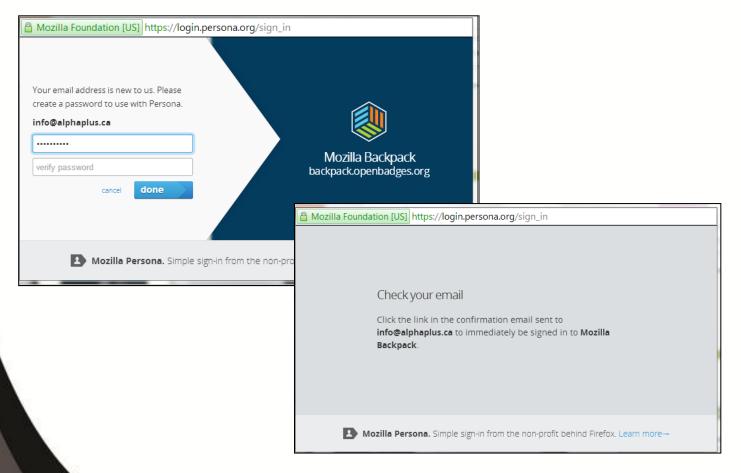
Earn badges – Backpack setup





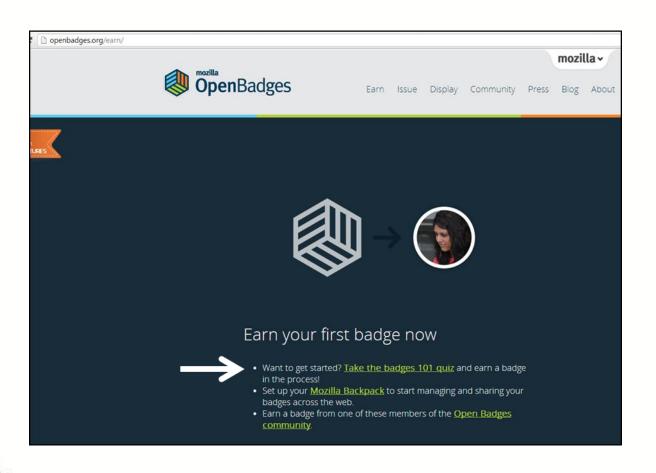


# Earn badges – Backpack setup





Earn badges – Take the badges 101 quiz





Earn badges – Take the badges 101 quiz





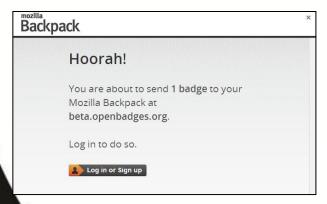










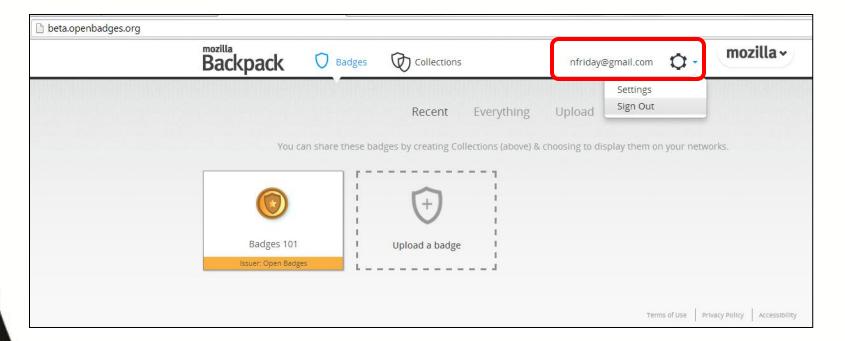




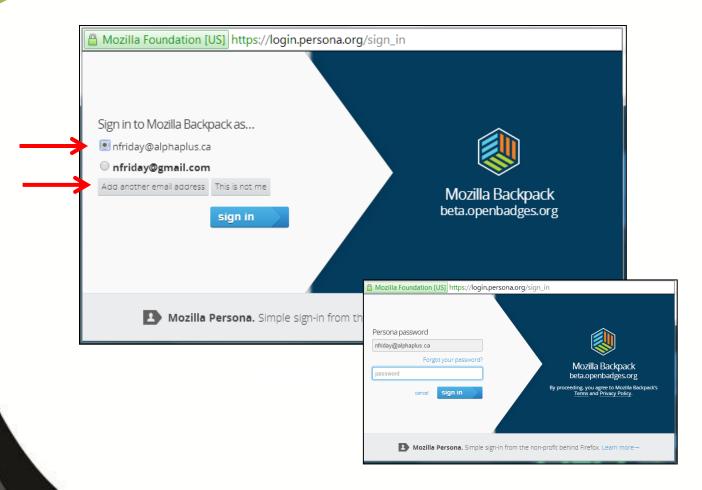






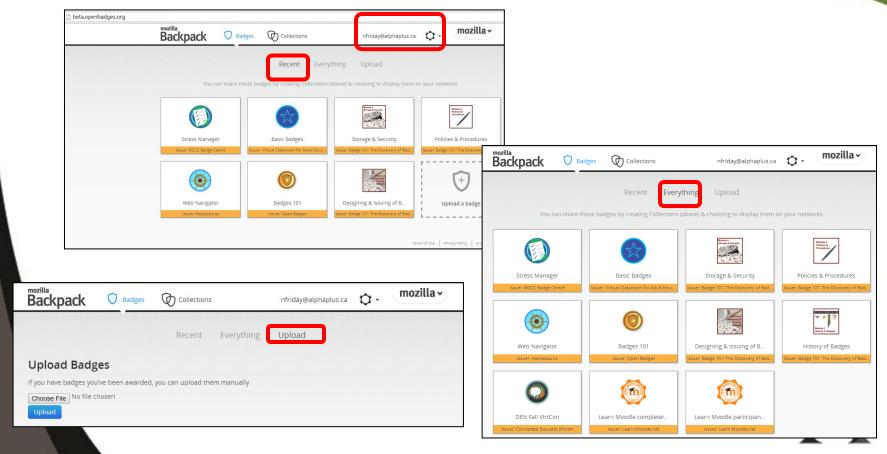


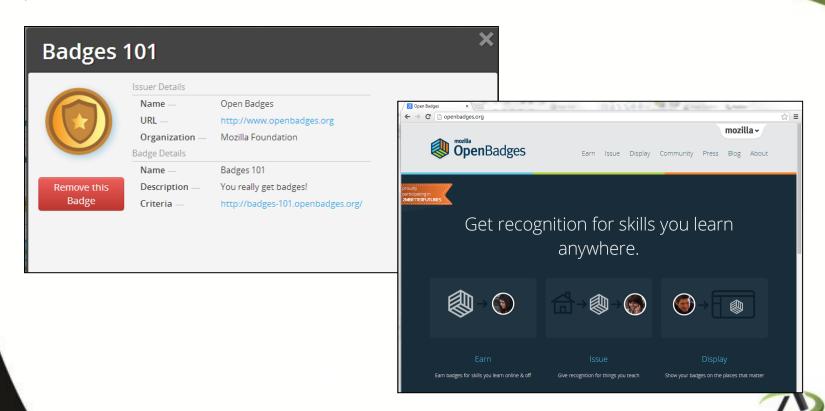


















#### **Display badges – Mozilla Backpack**

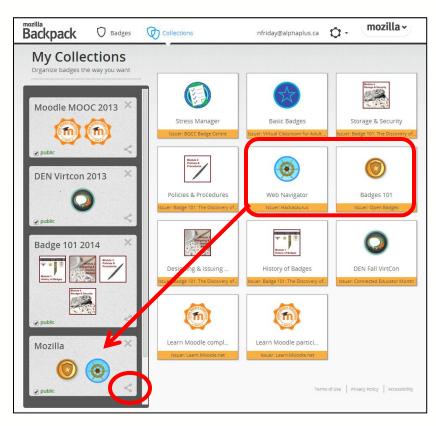


Users are awarded this badge when they complete the following

- · ALL of the following activities are completed:
  - o "Forum Forum: Introduce yourself!"
  - o "Feedback Final feedback"
  - o "Quiz Final summative quiz"
  - "Forum Forum: Show us your Moodle course!"
  - o "Page Overview of this course and FAQ"
  - o "Forum Course noticeboard"
  - o "Chat Chat"
  - o "Forum Forum: Questions and answers"
  - o "Forum Forum: Share your good ideas"
- o "Page Week 1 tasks and recording of launch"
- "Book Book: Setting up your course"
- o "Book Book: Learning on the side"
- · "Choice Choice: Previous experience with Moodle"
- o "Page Page: Reflect on your learning"
- o "Page Page: Progression in Moodle"
- "Survey Survey: Attitudes to learning"
- o "Quiz Quiz: Week 1"
- "Feedback Feedback: Week 1"
- o "Page Week 2 tasks and webcast tutorial"
- "Book Book: How can | help my learners learn?"
- o "Glossary Glossary: Terms used in Teaching"
- o "Wiki Wiki: First day in school"
- o "Data Database: Food for Moodlers"
- "Forum Forum: Teach the group!"
- o "Quiz Quiz: Week 2"
- o "Page Week 3 tasks and webcast tutorial"
- "Book Book: Assessing and evaluating"
- o "Quiz Quiz: Week 3"
- o "Page Week 4 tasks and webcast tutorial recording"
- "Lesson Lesson: How to save your practice course"
- o "Workshop Workshop: My home country"
- o "Page Learn Moodle: The next steps"
- · "Survey Survey: COLLES"

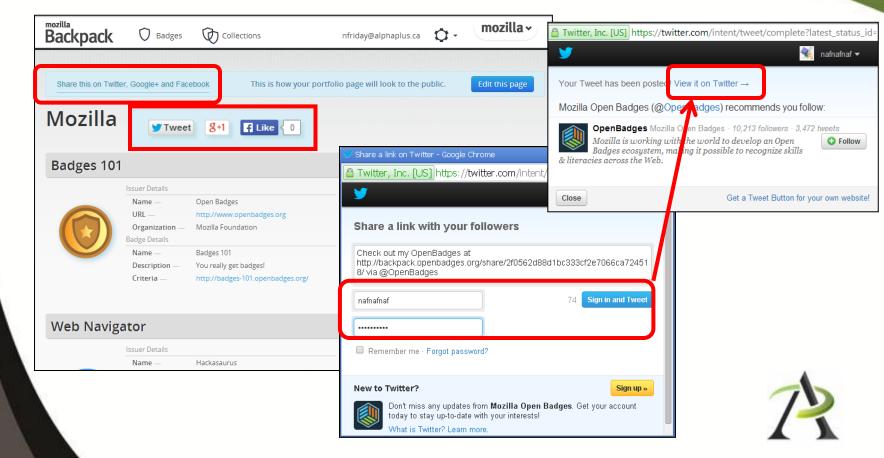


# **Display badges – Public Collections**



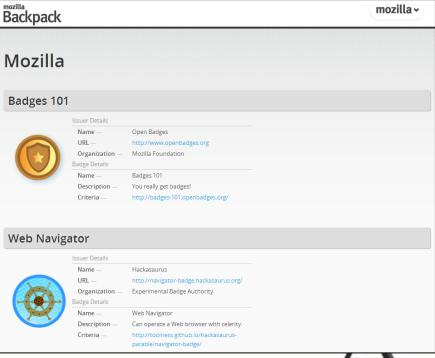


**Share badges – Twitter** 











# Share badges – E-portfolio

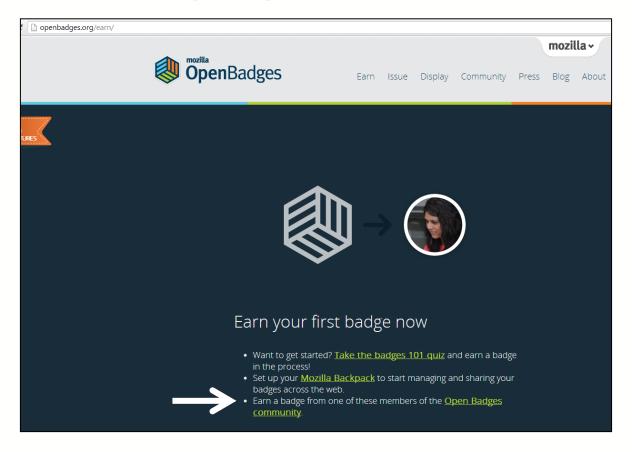


#### http://donpresant.ca





# Who is issuing badges?







- <u>4-H/USDA</u>
- Achievery
- Badges For Languages
- Borders College
- <u>BuzzMath</u>
- · Catalyst IT
- <u>coderbits</u>
- Codeschool
- Corona-Norco Unified School <u>District</u>
- <u>Corporation for Public</u> <u>Broadcasting</u>
- CourseSites by Blackboard
- <u>Coursolve</u>
- Cybersociety Observatory
- Dallas Museum of Art
- David Wiley, Introduction to
  Open Education course
- The Designn Project
- DIDASCA The First Italian Cyber Schools for Lifelong Learning
- <u>DigitalMe</u>
- <u>Discendum</u>
- Dr. Chuck Online
- EDUCAUSE
- Estrato Media
- Fedora Project
- Gogo Labs
- HIVE NYC
- Illinois Online Network
- <u>IPT EdTec Using Technology</u> <u>In Teaching</u>
- Ko Awatea
- Madison College
- Makewaves
- Michigan State University

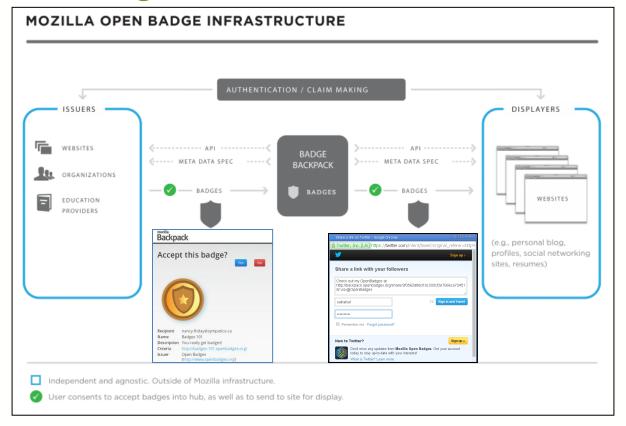


- Mopi16
- Mountain Lakes High School
   Online Academy
- MOUSE
- Museum Computer Network
- Museums & Mobile
- MyKnowledgeMap
- Neighborhood Learning Alliance
- New Milford High School
- NOAA Planet Stewards
- NYC Department of Education
- Online Model United Nations
- Open University / Cloudworks
- OpenBadgesUA
- Peaceful Playgrounds Courses
- Physiopedia
- Peer to Peer University
- Providence After School
   Alliance
- SAPO Campus
- Seton Hall University
- <u>Smithsonian American Art</u> Museum
- Smithsonian Center for Education and Museum Studies
- SUNY Empire State College
- Sweet Water Foundation
- <u>UniMOOC aemprende</u>
- <u>University of Illinois at Urbana-</u>
  Champaign
- Volunteer Centre Blackpool,

  Wyro and Fylde
- workforce.i
- YMCA of Greater New York
- Youtopia



# **Issue Badges**

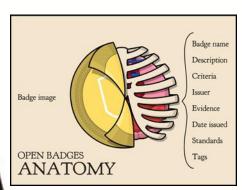


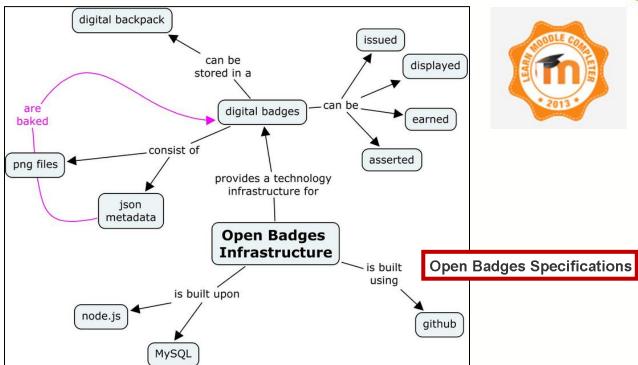




# **Issue Badges**











## **Create Badges**

#### **Badge Maker Project**

http://www.badgemakerproject.com

#### **Open Badge Designer**

https://www.openbadges.me/

#### **Online Icon Maker**

http://www.onlineiconmaker.com/

#### **Moodle Badges Free**

http://moodlebadges.com/





#### **Badges For Your Moodle**

Gamification Badges for Moodle Learning Motivation!

HOME

BADGES

LICENSE

SUGGEST A BADGE?

CONTACT US

#### Better than Digital Chocolate



MoodleBadges Free is a library of expertly designed gamification badges for use in your own learning management software. Better than digital chocolate, these badges represent awards, skills and achievements in a fun visual fashion!

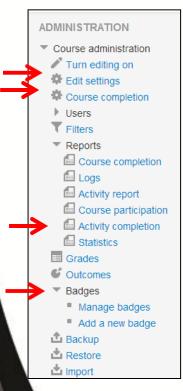
**Explore the Badges** 

http://moodlebadges.com/





#### **The Moodle Connection**



- Completion tracking enabled for the course
- Activity completion set up for each activity that earns a badge
- Course completion enabled if I want to award a badge for completing activities in a course
- Badging is used to set up and manage badges in the course
- Open Badging connection in Moodle offers students the option of saving their badge in the Mozilla Backpack and the option of saving badges earned outside of Moodle stored in their Backpack in their Moodle profile



# **Moodle Badges Trial course**

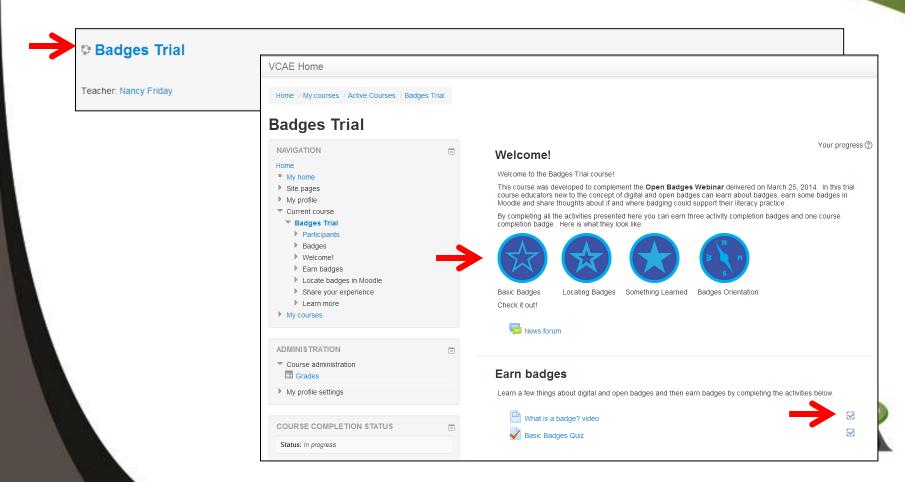
http://educators.alphaplus.ca





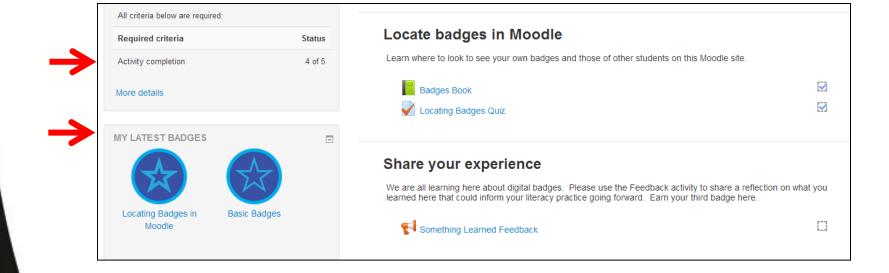


# **Moodle Badges Trial course**



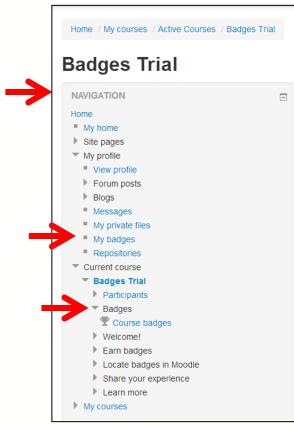


# **Moodle Badges Trial course**





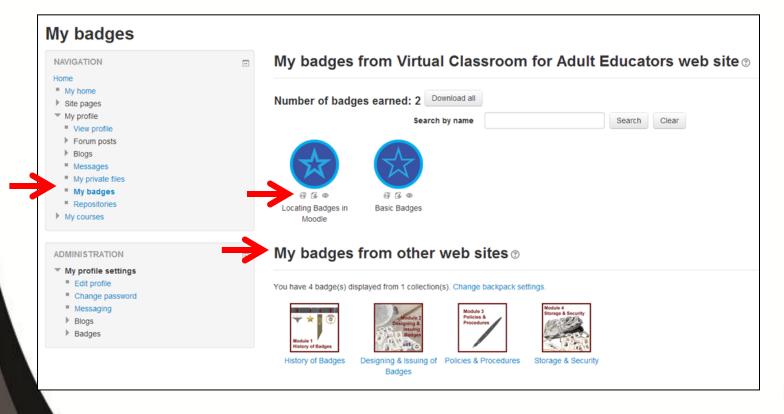








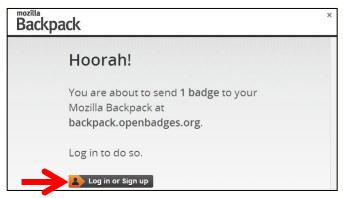
## **Moodle Badges Trial course**

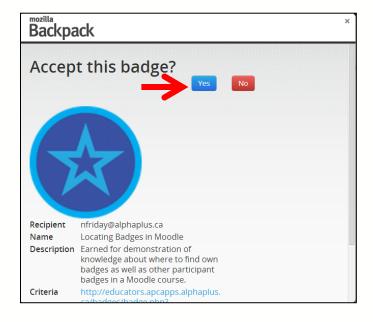




## **Moodle Badges Trial course**











#### **Next Steps – Learn by doing**

- Set up your Mozilla Backpack
- Earn the two badges at Open Badges and save them in your backpack
- Create a collection of the two badges earned and make it public in the backpack
- Share your badges on a social media site from the backpack
- Register as a student on the AlphaPlus Virtual Classroom for Adult Educators site, enrol in the Badges Trial course there, and earn badges within Moodle
- Check out the badges on the Khan Academy site
- Earn a few badges on the Rogers Raising the Grade site, the George Brown ones, and consider introducing them to your own students
- Create a few badges using one or more of the badge creator sites
- Read the AIR Report and LINCS discussion about badges for adult learners
- Moodle graduates can log into the Moodle training site and learn more in the Badges section of the Refresh Your Moodle Skills course and sandbox
- Send discussion questions and topics to Nancy Friday for our follow-up Q& A webinar

#### **Your Feedback**

Thank you for your participation!

If you have time now to answer a few quick questions about this webinar to help us improve future sessions, please use the link Monika has added to the Questions area to do so.

The link to the feedback survey will also be sent to you in this webinar follow-up email if you prefer to provide feedback later.

