NATIONAL SEMINAR ON ELECTRONIC RESOURCES IN MALAYSIA 5-7 DECEMBER 2012 PENANG BAYVIEW BEACH RESORT

RETHINKING LITERACIES FOR EFFECTIVE RESOURCE ACCESS

SUE OWEN
ASSOCIATE UNIVERSITY LIBRARIAN – CLIENT SERVICES
DEAKIN UNIVERSITY, AUSTRALIA



SELAMAT PAGI!





SELAMAT PETANG!



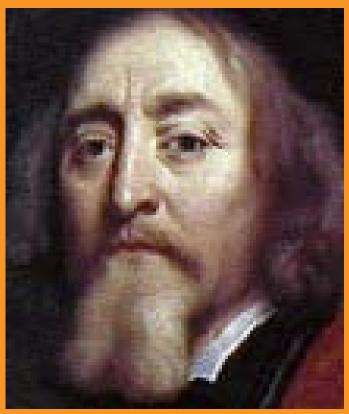


JAN AMOS KOMENSKY 1592 - 1670

Omnes, omnia, omnino.

Teach everything in depth to everyone

- Learn -- by doing
- Demonstration over verbal teaching
- Role modelling / example over mere words
- Source: tinyurl.com/d7c7ks6





OUR DOMAIN HAS BEEN:

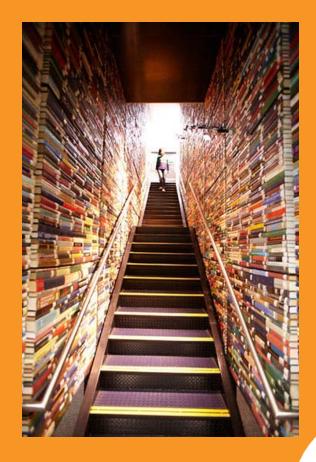
Information literacy

DEFINITION:

A set of abilities requiring individuals to "recognize when information is needed and then have the ability to locate, evaluate and use effectively the information needed"

Source: American Library Association.

Presidential Committee on Information
Literacy. Final report. Chicago: ALA, 1989







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Working with ACRL

Information Literacy Competency Standards for Higher Education

These standards were reviewed by the ACRL Standards Committee and approved by the Board of Directors of the Association of College and Research Libraries (ACRL) on January 18, 2000, at the Midwinter Meeting of the American Library Association in San Antonio, Texas. These standards were also endorsed by the American Association for Higher Education (October 1999) and the Council of Independent Colleges (February 2004). A PDF of this document is available.

Print copies may be purchased from the Association of College and Research Libraries for \$25.00 for a package of 25, including standard postage. Expedited shipping is available for an additional charge. Orders (along with check or money order made payable to Association of College and Research Libraries) should be sent to:

Association of College and Research Libraries Attn: Standards Fulfillment 50 East Huron Street Chicago, IL 60611

To order, call 312-280-2523, or email acrl@ala.org.

Introduction

Information Literacy Defined
Information Literacy and Information Technology
Information Literacy and Higher Education
Information Literacy and Pedagogy
Use of the Standards
Information Literacy and Assessment
Standards, Performance Indicators, and Outcomes

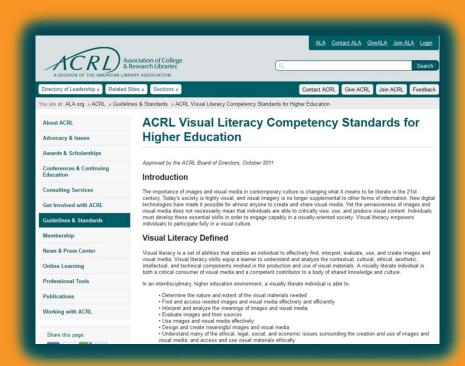
Standards for Proficiencies for Instruction Librarians and Coordinators: A Practical Guide

ACRL VISUAL LITERACY COMPETENCY STANDARDS FOR HIGHER EDUCATION

ACRL Visual Literacy Standards Taskforce

Complement the IL standards Include a combination of abilities related to:

- information literacy
- visual communication
- Interpretation
- technology and digital media use





EFFECTIVE IL LIBRARIANS

Proficiency standards for instruction librarians and coordinators

- Administrative skills
- Assessment and evaluation skills
- Communication skills
- Curriculum knowledge
- Information literacy integration skills
- Instructional design skills
- Leadership skills
- Planning skills
- Presentation skills
- Promotion skills
- Subject expertise
- Teaching skills



Standards for Proficiencies for Instruction Librarians and Coordinators: A Practical Guide

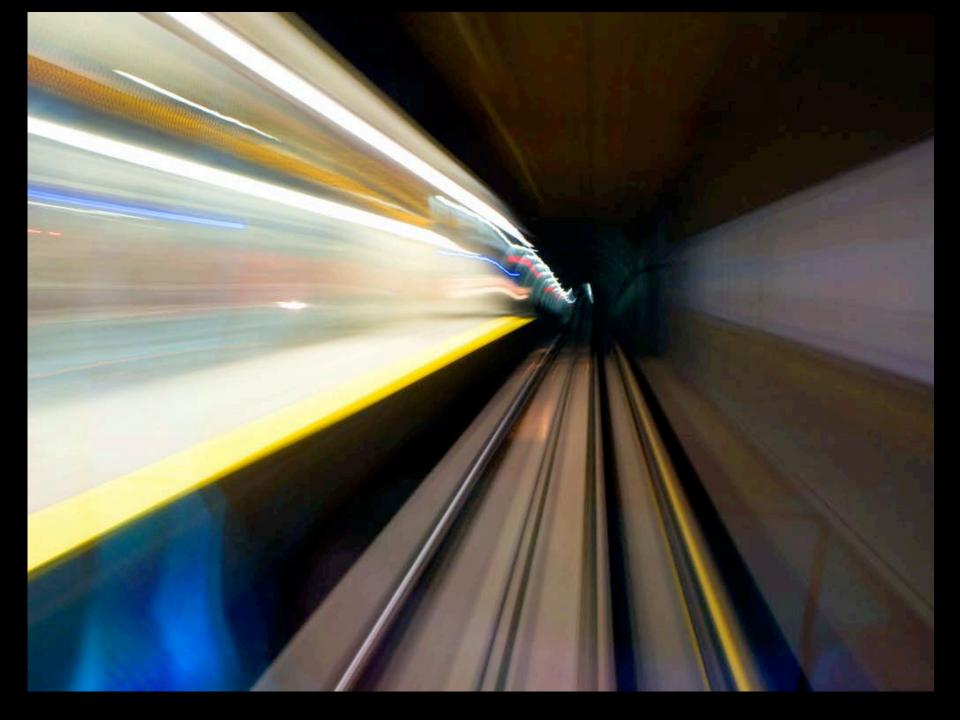






Source: ACRL (2008) Standards for Proficiencies for Instruction Librarians and Coordinators: a Practical Guide. Accessed 26 Nov 2012 tinyurl.com/cwj8vf8





HIGHER EDUCATION – NMC HORIZON REPORT* 2012 KEY TRENDS

- The *abundance of resources and relationships* made easily accessible via the Internet is increasingly challenging us to *revisit* our roles as educators.
- Education paradigms are shifting to include online learning, hybrid learning and collaborative models.
- The world of work is increasingly *Collaborative*, driving changes in the way student projects are structured.

Source: The NMC Horizon Report: 2012 Education Edition

The internationally recognized NMC Horizon Report series and regional NMC Technology Outlooks are part of the NMC Horizon Project, a comprehensive research venture established in 2002 that identifies and describes emerging technologies likely to have a large impact over the coming five years in education around the globe.

http://net.educause.edu/ir/library/pdf/hr2012.pdf



HIGHER EDUCATION – NMC HORIZON REPORT* 2012 KEY TRENDS

- The technologies we use are increasingly cloud-based, and our notions of IT support are decentralized. There is a new emphasis in the classroom on more challenge-based and active learning.
- People expect to be able to work, learn, and study whenever and wherever they want to

... people want easy and timely access not only to the information on the network, but to their social networks that can help them to interpret it and maximize its value ...

Source: The NMC Horizon Report: 2012 Education Edition

The internationally recognized NMC Horizon Report series and regional NMC Technology Outlooks are part of the NMC Horizon Project, a comprehensive research venture established in 2002 that identifies and describes emerging technologies likely to have a large impact over the coming five years in education around the globe.

http://net.educause.edu/ir/library/pdf/hr2012.pdf



LIBRARIES IN HIGHER EDUCATION

Core expertise: information access

- Learning literacies for a digital age (JISC, UK)
- Partnerships for 21st century skills (President Obama, US)
- Pedagogies of media and information literacies
 (UNESCO Institute for Information Technologies in Education)
- i-Skills = Information literacy and IT skills (JISC)





O&A

NEWS

COURSES

INSTITUTIONS

SCHOLARSHIPS

SPM STUDENTS

Intel Malaysia requests for more digital literacy programmes in Budget 2013

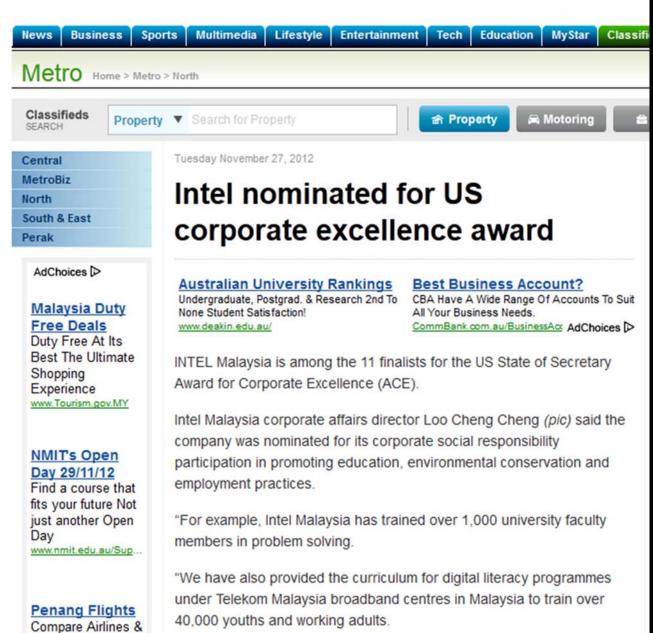
Posted: 21 September 2012



comments

- Intel Malaysia believes that Malaysia is well on its way to transforming itself into a high-income nation by 2020 and suggests some recommendations for Budget 2013.
- In a press release, the compny hopes that government will provide allocations and incentives for organisations that introduce and implement community services and/or programmes that help improve digital literacy.
- "We would like to see the strengthening of existing programs to universalize digital literacy in every household in the country, and hope to see the establishment of more community broadband centres (CBCs) in underserved communities," said Intel country manager, sales and marketing, Prakash Mallya.
- "To cultivate the next generation of innovators who can support Malaysia's national agenda of developing a knowledge-driven and high-income nation, Intel hopes that the government will continue to prioritise and channel allocations towards integrating technology in the entire education process."
- Prakash also highlighted for a strong commitment in Budget 2013 to support training in ICT-enabled education





DEAKIN UNIVERSITY

Eight Graduate Learning Outcomes

3 Digital literacy -

using technologies to find, use and disseminate information

Find – think, identify, access

Use – assess validity and relevance, annotate and store

Disseminate – retrieve, repurpose, communicate, use ethically





..DIGITAL .. LITERACY ..

'Digital' describes developments in information technologies:

- ICT
- computer-based/assisted
- online or web-based
- e-technology

'Literacy' has a broader meaning

- having the capability to participate in society

OECD PIAAC Literacy Expert Group (2009)



DIGITAL LITERACY SKILLS AND CAPABILITIES

Stakeholders

- Library staff
- Academic staff
- Undergraduate students
- Research students
- Researchers





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LIBRARY STAFF DEVELOPMENT

Training and professional development

- **Self-directed**: Librarians actively partner with academic early adopters and educational development leaders e.g. social media, e-portfolio
- Leader-initiated: Key library roles of Flexible Education Librarian and Teaching and Learning Librarian proactively up-skill themselves, then develop and deliver training for library colleagues – LibGuides, SM for sharing resources
- **Team collaboration**: Library Faculty teams liaison librarians led by Managers, Faculty Library Services, share trials and best practice managing digital rights, embedded librarian expertise, evidencing learning outcomes



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DEAKIN UNIVERSITY DIGITAL SCHOLARSHIP 2020

Academic program

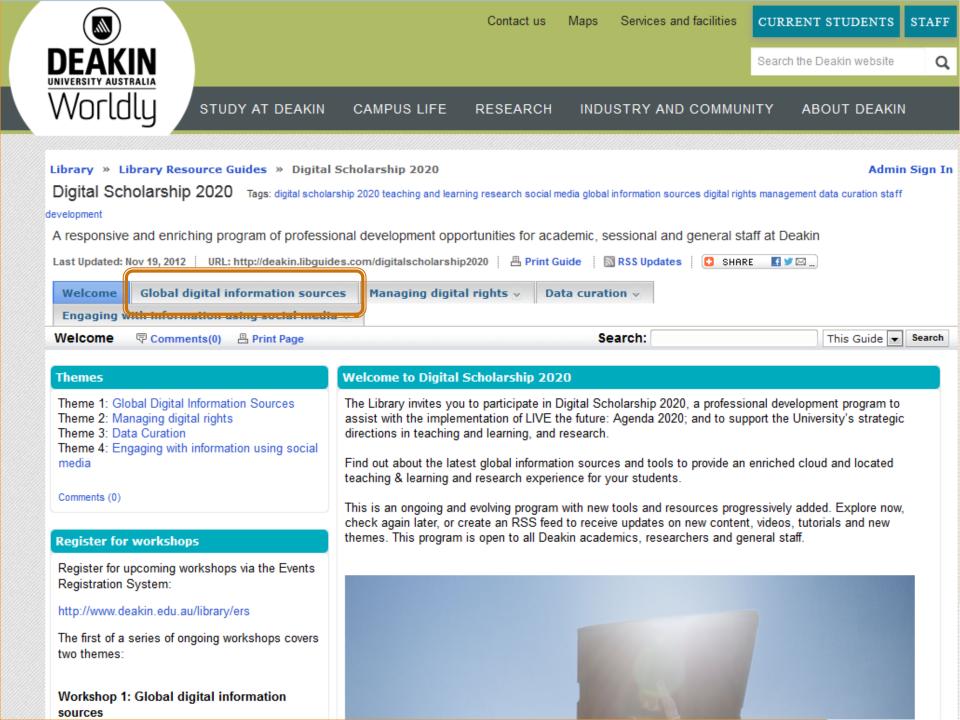
- Build academic staff capability in cloud and located learning
- Address the digital divide

Workshops:

- Global digital information sources showcasing the video, image, audio and textual resources in library collections and how to utilise these in teaching and learning
- Engaging with information using social media using Twitter to share and keep up to date with new resources and using Scoop.it to curate new resources by theme, share and keep up to date







Mobile Device Resource Guide



Due to the changing mobile environment, an increasing number of resources are being made available for mobile enabled devices, either as a mobile website or as an app.

Check out the Mobile Devices Guide and you will find links to:

- Mobile platforms and packages optimised for viewing content via your mobile phone and other mobile devices
- iPhone/iPad/iPod touch apps available for download (free and paid) via the Apple iTunes store
- Android apps available for download (free and paid) via the Android Market store
- Blackberry apps available for download via Blackberry's App World

Comments (0)

Other Streaming Video Services







Check out our Library Resource Guide for other streaming video collections for:

- · Arts and Education
- Business and Law
- Health

Featured streaming video services



- . Browse Deakin University Library's Kanopy collection, or search by subject
- . Find out how to create clips and playlists
- · View Licensing and Resource Information



- Browse Alexander Street Press videos
- Learn more about the Alexander Street Press video database (VAST: Academic Video)
- Create Play Lists
- Create Clips
- View Licensing and Resource Information



Watch a video on creating clips and playlists

Comments (0)

Featured Image Databases



Check out our Library Resource Guide for other streaming video collections for:

- · Arts and Education
- Business and Law
- Health
- · Science and Technology
- · Multiple Disciplines

Comments (0)

Other Image Databases

For a complete list of image databases view the Images Library Resource Guide



Askman, C. (Artist). Close-up of lily petals [image]. Retrieved from http://www.sciencephoto.com/

Comments (0)

Other eBook platforms

Consult the Deakin University e-books Library Resource Guide.

Under each tab you will find quality e-book collections in different subject areas. Take advantage of these books that are available online 24/7. Use the library catalogue's e-book search to search for e-books in all of the collections or

Featured Image Databases



ARTstor AN IMAGE LIBRARY FOR THE ARTS AND SCIENCES

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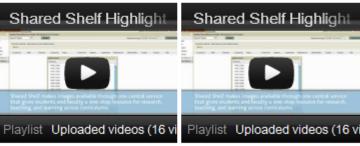




Refine Your Search

Create an Image Group





Remember always connect to ArtStor through the Library

Comments (0)

Featured eBook Platforms



Digital Scholarship 2020 Tags: digital scholarship 2020 teaching and learning research social media global information sources digital rights management data curation staff

development

A responsive and enriching program of professional development opportunities for academic, sessional and general staff at Deakin

Last Updated: Nov 19, 2012 URL: http://deakin.libguides.com/digitalscholarship2020 ☐ Print Guide ☐ RSS Updates ☐ SHARE ☐ ♥ ☑ ...

Welcome Global digital information sources Managing digital rights ∨ Data curation ∨

Engaging with information using social media 🗵

Twitter Comments(0) A Print Page

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Hot tip!

To work with the 140 character word limit of Twitter, use the bitly website to shorten URLs and increase value added comments

Twitter lingo

Twitter has created a new way of communicating and connecting with others. Here are some terms and tools that you should know before getting started:

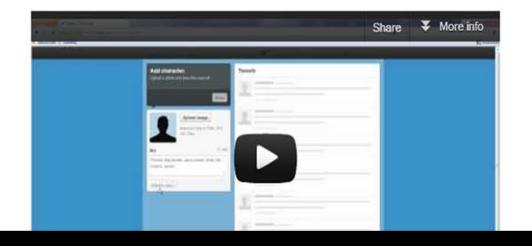
- # (Hashtag): used to link together Tweets of the same topic. eg. a conference/PD session, sporting or political event, etc.
- Handle: your Twitter username. Twitter users will use this in conjuction with the @ symbol to search for or direct Tweets to you.
- @: use this symbol to address a Tweet to a particular person/account. You can also search for tweets by or about a specific





Twitter is an online platform that allows you to connect with people of your interest and for others to connect with you.

To post and share information on Twitter you will first have to create an account. Learn how to set up a twitter account with this short video:



60 inspiring examples of Twitter in the classroom

- Twitter pop quiz students tweet answers during training sessions, with a live-feed open to view
- Great resources books/articles/videos crowd-sourced by students
- Link sharing bibliographies students collaborate first assignment
- Source evaluation students say what's good, what's bad and why
- Digital librarian lounge network with other librarians, the world over
- Twitter book club optional extra for students and staff, utilising e-book collections and e-book readers

Source: www.onlineuniversities.com/blog/2011/12/60-inspiring-examples-of-twitter-in-the-classroom



Q

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development

A responsive and enriching program of professional development opportunities for academic, sessional and general staff at Deakin

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Global digital information sources Welcome Managing digital rights v Data curation

Engaging with information using social media

Scoop.it! Comments(0) Print Page Search:

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Introducing Scoop.it

Watch this short video to discover what Scoop.it is all about...



Using Scoop.it

Watch this short video on how to get started with Scoop.it.

Scoop.it for teaching and research



Scoop.it is an easy-to-use digital curation tool that can enhance your students' learning experience and help you keep up to date with quality web resources in your field of teaching and research.

View examples of curated topics by Deakin University Library staff:

Australian Health HPS202 Resources Digital, Cloud, Located Learning Locating Resources on the Cloud

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- Undergraduate students
- Research students
- Researchers





GRADUATE LEARNING OUTCOMES

Curriculum review

- Library staff in faculty curriculum review teams
- Focus on evidencing digital literacy outcomes
- Working with academic skills advisors, equity and diversity specialists to integrate expertise and outputs
- Working with students to more deeply understand their needs



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- Research students
- Researchers





STAFF

STUDY AT DEAKIN

CAMPUS LIFE

RESEARCH

INDUSTRY AND COMMUNITY

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A Print Guide

RSS Updates

Welcome

Global digital information sources

Managing digital rights 🔻

Data curation w

Engaging with information using social media \checkmark

Publishing material

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Get published

Get Published

Selecting and targeting quality journal publishers can be a difficult process. This resource links you through to databases and materials that may assist you in:

- · strategically selecting and targeting journals and publishers
- · comparing publishers through citation-based journal metrics and other indicators
- · determining publication priorities and timelines
- considering Open Access options

Locate resources on how to get published. including a checklist for essential tools to strategically select journals or publishers

Listen to expert advice from Deakin experts, including publishing from an editor's point of view: resilience in the FRA climate: nublishing

Open Access Scholarship

Consider open access publishing options

- Open access is the idea that information should be freely available online for anyone to access. Most publishers allow some form of open access or self-archiving.
- Increasingly researchers are required to meet open access requirements of government and funding bodies such as the NHMRC by publishing research output in open access resources, such as institutional research repositories.
- Look for open access journals through the DOAJ Directory of Open Access Journals which includes 7000 open access scientific and scholarly journals.
- · Subject databases also increasingly including open access titles.
- Some publishers only allow authors to make an article open access upon payment of fees. Check OAKlist or SHERPA RoMEO for publisher copyright policies and for information about which version of an author's work may be archived within a repository such as Deakin Research Online.
- You can choose to favour publishers who allow you to publish in an institutional repository.
- You can also seek an addendum to your publishing agreement. Advice is available at the Deakin University Copyright website.

Comments (0)

Open Access explained - for authors

Open Access refers to any model of publishing scholarly material which is made available to

Listen to expert advice from Deakin experts, including publishing from an editor's point of view; resilience in the ERA climate; publishing strategies and dealing with reviews

Register for upcoming Inside Guide to Getting Published seminars at Deakin

Comments (0)

Journal publication and copyright transfer

Considerations when planning to publish:

- Will the publisher allow you to retain the copyright(s) to your work?
- Will the publisher allow you to deposit the work in Deakin Research Online?
- Will the publisher allow you to deposit the published version of your work in Deakin Research Online, as opposed to the pre-print or the post-print?
- Can you ensure that the information you intend on disseminating will be used and shared according to your intentions?

Comments (0)

Open Access explained - for authors

Open Access refers to any model of publishing scholarly material which is made available to the public free of charge. When publishing academic journal articles, there are typically two 'broad' models of open access. Both models of open access allows readers to access journal articles free of charge. However, only Green Open Access allows authors to publish or self archive journal articles at no additional cost.





Gold Open Access

- -Worldwide free access to readers
- -Free of publication fees for authors
- -Free access to readers worldwide
- -Authors pay a publication fee

Deakin University Library supports Open Access publication. There is some evidence that articles published in Open Access publications have increased citation counts (Donovan & Watson 2001; Eseynbach 2008; Xia, Lynette Myers & Kay Wilhoite 2011). Further, open access publishing promotes the dissemination of information and knowledge to humanity. This can be considered an ethical issue (Willinsky & Alparin, 2011). This approach may lead to more sustainable and cost effective models of academic scholarship and publication into the future.

References:

Donovan, JM & Watson, CA 2011, 'Citation advantage of open access legal scholarship', Law Library Journal, vol. 103, no. 4, pp. 553-73, retrieved October 10, 2012 ">http://ezproxy.deakin.edu.au/login?url=http://heinonline.org/hoc/Page?handle=hein.journals/llj103&collection=journals&index=journals/llj&id=541>">http://ezproxy.deakin.edu.au/login?url=http://heinonline.org/hoc/Page?handle=hein.journals/llj103&collection=journals&index=journals/llj&id=541>">https://ezproxy.deakin.edu.au/login?url=http://heinonline.org/hoc/Page?handle=hein.journals/llj103&collection=journals&index=journals/llj&id=541>">https://ezproxy.deakin.edu.au/login?url=http://heinonline.org/hoc/Page?handle=hein.journals/llj103&collection=journals&index=journals/llj&id=541>">https://ezproxy.deakin.edu.au/login?url=http://heinonline.org/hoc/Page?handle=hein.journals/llj103&collection=journals/llj8/ld=541>">https://ezproxy.deakin.edu.au/login?url=http://heinonline.org/hoc/Page?handle=hein.journals/llj103&collection=journals/llj8/ld=541>">https://exproxy.deakin.edu.au/login?url=http://exproxy.de

Eysenbach, G 2006, 'Citation advantage of open access articles', PLoS Biology, vol. 4, no. 5, pp. 692-8, retrieved 10 October, 2012 http://ezproxy.deakin.edu.au/login?url=http://dx.doi.org/10.1371/journal.pbio.0040157

Willinsky, J & Alperin, JP 2011, 'The academic ethics of open access to research and scholarship', Ethics and Education, vol. 6, no. 3, pp. 217-23, retrieved 10 October, 2012 http://ezproxy.deakin.edu.au/login?url=http://dx.doi.org/10.1080/17449642.2011.632716

CHALLENGES

Academic library strategies

FRAMEWORK

Developing new digital literacies standards, performance indicators and learning outcomes – on the basis of ARL IL standards

CONTEXT

Collaboration with academic colleagues and students for deeper understanding of needs and requirements

AGILE AND AWARE

Constant 'Beta' rarely 'finished' with fast implementation of iterative change and outwards focus spotting opportunities

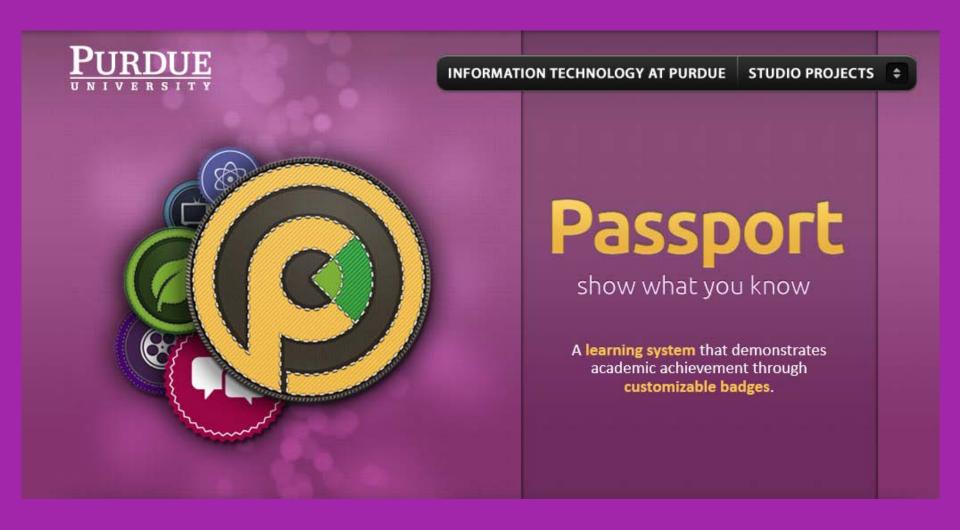
CHALLENGES

Library expertise and capabilities

- MOOCS Massive Open Online Courses
- OER Open Education Resources
- CC Creative Commons
- Digital literacy all the collaborators
- E-portfolio curating outputs and achievements
- Digital badges evidencing learning



DIGITAL BADGES





Email address

Mary Major

Mary has 16 badges





































Badges for Lifelong Learning

"Digital badges can inspire learning, unlock jobs, educational and civic opportunities and open new pipelines for talent."

Curated by DML Competition

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Scooped by DML Competition

To badge or not to badge: Game Element or Assessment? | Games Based Learning #MOOC



From gamesmooc.shivtr.com (via @Autnes) - November 15, 6:39 AM

To Badge or Not to Badge? Video recording from Virtual Worlds and Games UnSymposium. This was a unpanel discussion of the future of

badges as assessment.

We have three badges associated with the Games MOOC during this iteration. What are they attempting to assess? Would you be able to add them to a resume or on LinkedIn?



Scooped by DML Competition

Badges for Learning



Scooped by DML Competition

Bringing Badges Together in Education | Ed Stuck in the Cloud Bringing Badges Together in Education | taking education to the cloud and setting it free



badges = visual representations
 of a skill or achievement

From www.edstuckinthecloud.com (via @42Terabytes) - November 15, 6:26 AM

One of the core elements of my in-progress DIY classroom gamification suite is Badges (or Achievements, depending on your chosen terminology). Lately badges have gained

wider acceptance as a tool not only to motivate learners, but also to display and acknowledge specific, validated skills. Instead of simply a letter grade to show some broad measure of success or achievement, badges provide students with a tangible record of their achievements – sort of like an educational resume.

Figure 12: Ernst & Young's framework for assessing and designing a university model for the future

Strategic questions

Is our current model future proof?

Can our organisation survive and thrive in its current business model and mode of operation?

Where to play?

What student, industry or other customer segments should we focus on?

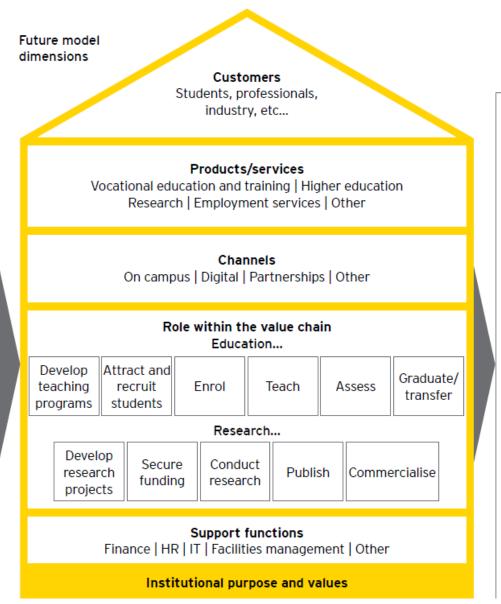
What will be our point of difference and how do we sustain this?

How to play?

Who should we partner with?

What workforce capabilities and structures do we need?

How do we optimise our assets?



Transition considerations

Managing the transition

What does the transition look like as a high-level, multi-year plan?

What capabilities do we need to manage the transition?

Managing the brand and market position

How do we protect our brand and market position during the transition?

How do we manage changes to our brand as our products, services, channels and partners evolve?

Operating the new model

How would we govern and administer a model with new partners?

How do we know we will secure the desired benefits from the new model? And how will we sustain these?

Source: Ernst & Young (2012) The University of the Future p 28.

RE-THINKING LITERACIES?

While technologies may be transitory, core information literacy skills endure.

Our task
is to build on ICT skills and preferences
and link with information literacy frameworks
to engender digital literacy now and ongoing



TERIMA KASIH!



We look forward to welcoming you to Deakin University Library!

Sue Owen
Associate University Librarian, Client Services
Deakin University, Australia
sue.owen@deakin.edu.au

