Embedding digital literacy in a course: Upskilling the millennial workforce

Leanne Ngo, Simone Tyrell, Ellyse Mitchell, Todd Orme, Jo Minkiewicz, Michael Volkov

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Motivating factors

- Digital literacy skills of students problematic
- GLO 3
- Research skills
- Employability – these skills needed
- Only so many Units and limited time
- Take ownership through an authentic experience
- Course-wide view
- Linked to skills needed for the assessment in the Unit
- Compulsory Unit in 1st year
- So all students will have the skills as they are embedded in a single Unit in the course and they can use these skills course-wide and beyond

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The Digital Literacy Module

Creative design

Guiding criteria:

- Digital literacy learning outcomes
- Market acumen disciplines
- Theme: Great Barrier Reef
- Engaging for students!

Solution: Scenario to tie it all together

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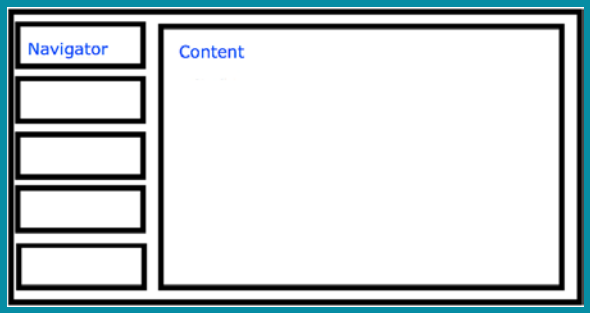
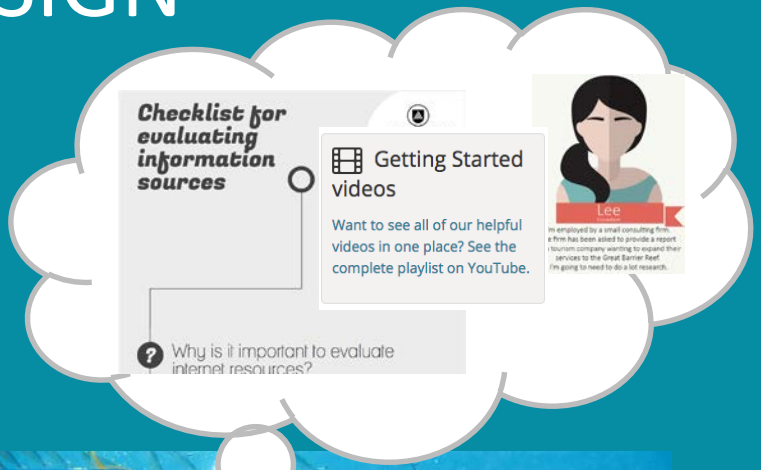
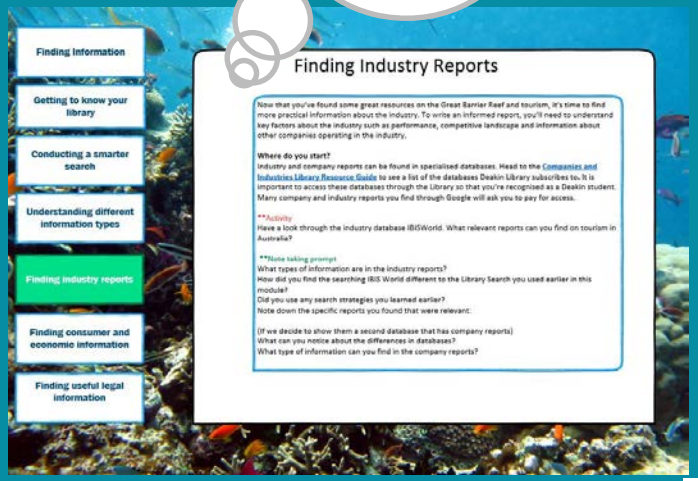
The Digital Literacy Module

TECHNICAL DESIGN







Tumult Hype 3
Create. Animate. HTML5.

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DEAKIN BUSINESS SCHOOL

WHAT DID STUDENTS NEED TO DO?

- Module was embedded in the MMK101 unit site & B. Comm Hub site
- Introduction to Digital Literacy (welcome page)
- Pre-module self assessment (What do you know about Digital Literacy?)
- Find, Use and Share sections – conditional release
- Quiz (5 Qs) after each section requiring 80% grade to release next section
- Post-module self assessment (Have your Digital Literacy skills improved?)
- Completing the above process opened dropbox for first graded assessment, thus making it a hurdle requirement.

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The Digital Literacy Module

MMK101 T3

B.Comm Hub

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Support

T1	T2 As before, plus….	T3 As before, plus….
Reminder emails	‘Soft’ deadline of Week 3	Embed DLM in assessment guidelines
Posts on CloudDeakin	Dedicated DLM discussion thread	Identify time required to complete
“Ask your Librarian” discussion thread	Dedicated email created	Digital certificate for students generated upon completion
	FAQ pinned to top of discussion thread	

The results

- Overall assignment marks improved since introduction of DLM in T1 2016
- Since refinement of DLM overall assignment marks improved further in T2 2016

  - Fail rate for assignment immediately following DLM completion **halved**

  - Increase in C, D, and HD grades for sections of rubric addressing GLO3 Digital Literacy – finding, using, sharing market information that informs strategy development

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The results

- eVALUate T1 2016 – “The digital learning module was helpful, but it was very time consuming.”
- Designated DLM Discussion Thread on CloudDeakin from T2 2016 – Many, many posts thanking teaching team for prompt support
- DLM self-assessment statistics pre- and post-completion:
  - Students much more confident in their abilities to find, use and share information following completion of DLM
    - Students who were not confident (pre-assessment) became confident (post-assessment)
    - Students who said they were confident (pre-assessment), realised they should not have been (post-assessment), but are now confident in each aspect of Find, Use, Share (post-assessment and also reflected in assignment marks)

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What we learned

- Student centred approach
  - Students self-assess and recognise their personal, individual skill set in relation to digital literacy
  - They then work through the scenarios to develop the requisite skills and confidence in those skills to gain proficiency in the learning objectives
  - Develop into a better graduate with the work-ready skills necessary to complete in the global marketplace

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Questions?

Source: educationaljargonschs.wikispaces.com

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