QR Codes in Education: An Overview

John Clayton
Waikato Institute of Technology

Takumi Nakano
Toyota National College of Technology
Bar Codes

Scanned Horizontally

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki
Stacked

Scanned Horizontally: One Dimensional
Scape

Denotes a pictorial representation of a scene or view, as specified by an initial element:

*Sea-scape, land-scape, media-scape.* … … …
Internal-Scape

Ensure Red Switch Is ON
External-Scape

Ki te whakakahia i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki
Critical success factors in e-learning for Small and Medium enterprises

In examining the use of e-learning to build workforce capacity in small or medium enterprises (SMEs), five Critical Success Factors (CSFs) were identified:

The CSFs include:
1. Awareness: The benefits of e-learning are accepted by senior managers/owners of SMEs.
2. Identification: Firms are able to clearly identify how e-learning can be successfully incorporated within current training plans.
3. Implementation: An e-learning training plan is developed and offered to employees.
4. Evaluation: The impact on the organisation of the e-learning training plan is assessed.
5. Sustainability: e-learning support is provided to embed e-learning in normal training practices.

It was found that these organisations that systematically address each CSF effectively and efficiently had introduced e-learning applications in their training programmes.

The CSFs are illustrated here in a graphical format.

Acknowledgements:
New Zealand Ministry of Education Tertiary e-Learning Research Fund

References:
Virtual-Scape

My Maps

Create personalised, annotated, customized maps using Google Maps.

Your maps can contain the following:

- Placemarks
- Lines
- Shapes

Once you have created a map, you can:

- Add descriptive text, including rich text and HTML
- Embed photos and videos in your map
- Share your maps with others

To create or edit maps, you must be signed in to your Google Account. If you do not have an account, create one now.

Creating a Map

Creating a map is easy. Here are the basic steps:

1. Click My Maps
2. Click Create new map
3. Add a title and description for your map
4. Decide whether the map should be public or unlisted. Public maps are automatically included in Google Maps search.
5. Use the icons in the top left corner of the map. These include:
   - Selection tool. Use this to drag the map and select placemarks, lines and shapes
   - Placemark tool. Use this to add placemarks
   - Line tool. Use this to draw lines
   - Shape tool. Use this to draw shapes

You can return to your map at any time. Just go to Google Maps and click My Maps. Sign in to your Google Account and select the map from your list of maps.
Relevant and Authentic

By enabling

– Location Generated Content
– Location Based Services

We contextualise the environment to meet student immediate needs
Moodle in My College

How to use Moodle for Mobile

Ki te whakaha i te iwi mā te ara mātāuranga, te rangahau umanga whanakenga hoki
Moodle for Mobile in Japan

How to use Moodle for Mobile

Header Footer Column Right Left Center Topics
Mobile Learning Engine: MLE

MyMLE - End Users For private persons
MyMLE is for everyone, who wants to use mobile learning for himself. It allows you to create your own mobile learning content and to pack it to a mobile phone application, which you can use on your phone.

MLE-Moodle - End Users For institutions/companies
An out-of-the-box mobile Learning system, which contains everything you need to build a mobile learning system. Easy to install and easy to use.
To use MLE-Moodle you need a web-server!

MLE mobile application framework - Developers
The mobile phone learning application offers a very powerful mobile application framework for your own mobile projects. Extending the MLE is very easy due to a plugin-system.
For developers only!

http://mle.sourceforge.net/
Moodle by iPhone/iPod touch

http://mobile.elearning.ac.nz/

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki
Plugin for Moodle

Same Contents for PC and Mobile
CSS for iPhone/iPod touch

MLE-Moodle CSS Files:
style-std.css
style-big.css
style-iphone.css
style-touchscreen.css

Cascading Style Sheets

http://mobile.elearning.ac.nz/blocks/mle/browser.php
Interface

Please login:
- Username: takumi
- Password: [hidden]

Login

Welcome (takumi)
- My Courses
- Messages
- Community

Extras:
- Mobile Tags
- MLE install (phone software)

This is a list of all courses you are enrolled in.

Powered by ELE-Mobile

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki

Waikato Institute of Technology
Te Kuratini o Waikato
Video and Applications

1. Test of Data Type
   - m4v for iPod
   - mp4 for 20 sec
   - mp4 for mobile by AVC
   - mp4 for mobile from YouTube1
   - mp4 for mobile from YouTube2
   - mp3
   - PDF
   - Word
   - Excel
   - PowerPoint
   - CamtasiaStudio

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki
Moodle Functionality

2 Test of Moodle Functionality
- Assignment
- Choice
- Forum
- Quiz
- Wiki
- Flashcard-Trainer

Ki te whakakaha i te iwi mā te ara mātāuranga, te rangahau umanga whanakenga hoki
Moodle Issues

3 Do Not Use Functionality
- Chat
- Hot Potatoes
- Questionnaire

Extend and Customize MLE module in future
Custmize iPhone/ipod touch

Display Screen to Video : Demo

Ki te whakakaha i te iwi mā te ara mātauranga, te rangahau umanga whanakenga hoki
VNC Server, Remote Login

VNC Connection, OpenSSH

Make Application