Are QR Codes simply a fad or do they add value to the mobile user?
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## The JISC Project: Objectives

**Research question:** what potential does a QR code offer as a learning technology?

<table>
<thead>
<tr>
<th>Objective</th>
<th>A measure of success</th>
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<td>Exploring educational uses of QR codes</td>
<td>Critical evaluation</td>
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<td>Developing a community of practice</td>
<td>Get a number of institutions to discuss and share experiences</td>
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<tr>
<td>Implementing practical uses</td>
<td>Case Studies, overall report and SWOT (style) analysis.</td>
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![Image](http://www.flickr.com/photos/bidryboo/300945382/)
The workshop story

QR Codes are they a fad?

1. What is a QR Code?
2. How do we create or read them?
3. How are they being used in T&L?
4. How might we use them – Group Presentation?
5. What issues spring to mind about their use?
6. In your opinion, are they a fad - Individual?
who has accessed a QR code?

• Why?
• How?
• What?
A QR Code effectively and efficiently connects the physical world and the electronic world.

A QR Code is a matrix code (or two-dimensional bar code) created by Japanese corporation Denso-Wave in 1994. The "QR" is derived from "Quick Response", as the creator intended the code to allow its contents to be decoded at high speed. QR Codes are common in Japan where they are currently the most popular type of two dimensional codes.

An ever increasing number of tasks can be achieved using a QR code. The core ones are,

- Link to web site
- Send an sms to a phone
- Transfer a phone number
- Provide more text

[QR Code Image]

www.mobile-learning.blog-city.com/read/qr_codes.htm
what is involved?

- QR Code Generator
- A task / activity which is appropriate for a small screen device

- Camera phone
- Good connectivity
- QR Code Reader
- Money

A QR Code Generator
http://qrcode.kaywa.com

A QR Code Reader
http://www.tigtags.com/getqr

The following example, illustrates scanning a QR Code, adding it to your favourites and accessing the web site:
http://www.bath.ac.uk/lfm/download/26048
Scanning a QR Code

See video ....

Installing on your Phone

http://www.tigtags.com/getqr
QR Codes in T&L

QR codes at Bath
QR Code and Tiny URL service blog

FAQs on QR Codes | QR codes and Moodle | QR Codes in Education | Projects

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<th>QR Codes only</th>
<th>QR Codes with other tools</th>
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<td>○ Sign up for SMS news alerts using QR codes</td>
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<td>○ Augmented reality gaming</td>
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http://blogs.bath.ac.uk/qrcode
Improving the feedback loop

Contact details of the author(s)
- name, email, phone number

Visit their blog and leave a comment, and/or read comments left by other people

Text comments about the poster to their mobile phone (or text service)

Use QR Codes to improve the feedback loop through reducing the barriers involved in a person commenting on a poster or exhibit. Use of the QR Code facilitates the effective completion of the task on a phone.

http://blogs.bath.ac.uk/casestudies
Look no pens (part 1)

rss subscription (scan & go)

http://www.mobile-learning.blog-city.com/

http://www.mobile-learning.blog-city.com/read/qr_codes.rss
physical & virtual gaming

http://www.flickr.com/photos/jazzybam/sets/72157615487815373/
Are students aware of QR Codes?

- Do you know what a QR Code is?
  - Yes: 13.8%
  - with 95% confidence interval, then 12.34% - 15.26% of total student population are aware of QR codes.

Sample Size: 1800 students (17% FTE)

- Have you accessed a QR Code?
  - Yes: 2.2%
  - with 95% confidence interval, then 1.58% - 2.82% of total student population have accessed a QR code.

- The most common action was
  - Web site – 33 responses
  - Read more text – 28 responses
  - Phone a number – 19 responses
  - Send a pre-written SMS – 12 responses?

http://opus.bath.ac.uk/12782
Are people able to use QR Codes?

84% - scanned

63% - can install a reader
How might you use QR Codes?

Group activity:

- Presentation (powerpoint) – how you are going to use QR Codes
- Develop a story board for an activity / task
- Create the QR Code(s)

Design Brief:

- what is the activity? What is the rationale behind the activity? What are you trying to achieve?
- describe the activities which the student and the instructor actively do
- why include QR codes?
- how will students be motivated to complete the activity
- what is the envisaged timescale for the activity?
- How will students be supported through the activity?
- what are the separate elements of the activity?
- what material do you need for the activity?
- how will you measure if the activity has been a success?
try them out ...
Issues & Anxieties

What do you foresee as a barrier to the use / adoption of QR Codes?
Do you think QR Codes add significant value to the mobile user?

Caveat … this is to the extent that you’d strongly support prioritising resources to create and support the implementation on QR Codes on your online materials?

TXT: 07624 804 921

Iwmw yes

or

Iwmw no
thank you

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http://blogs.bath.ac.uk/qrcode