

QR Codes *in the* Classroom



LACUE 2001

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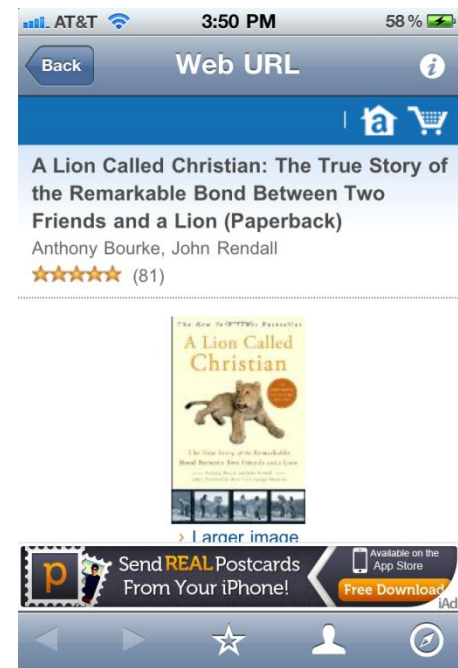
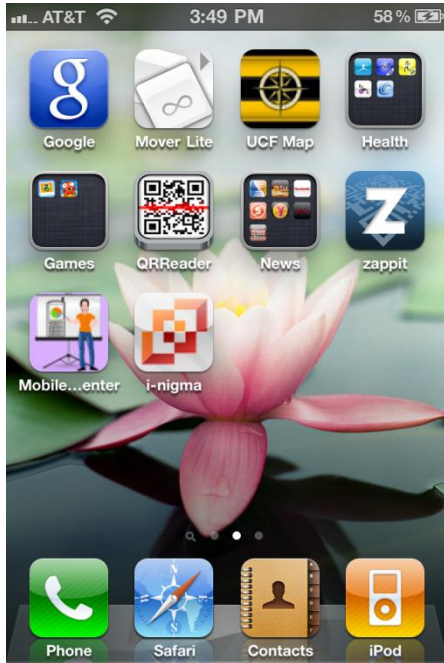
What are QR Codes?

- QR = “Quick Response”
- Created by a Toyota subsidiary in 1994; used for tracking automobile parts
- Free to use and create

Have You Used a QR Code?

- Who has a smart phone?
- Who has some kind of QR reader app on their phone?
- Who has read a QR code on their phone?
- Who has created a QR code?

How Does it Work?



What can a QR code do?

- Point to a web address
- Text
- Phone numbers
- vCard
- Geolocation
- Wifi login
- Social (twitter)

So why use QR codes?

- For people on-the-go
- For places in the library with no computers
- For times when computers are inaccessible
- For directing people to resources that are best used on a mobile device
- For making the most of your print media

How do you make them?

- Qrstuff - <http://www.qrstuff.com>
- Create QR Code - <http://createqrcode.appspot.com/>
- Kaywa - <http://qrcode.kaywa.com/>

Classroom Uses

- **Mobile Assignment Reminders:**
As your students leave the classroom, post a QR code on the door, with their homework.



Classroom Uses

Student Jobs: Post QR codes around the room for classroom responsibilities that deal with clean-up, organization, rotation schedules, etc.

Classroom Uses

- **Interactive Back to School Night:**
Post QR codes throughout the classroom, with titles about various student work. QR codes could access student videos, projects, and many other classroom activities.



Classroom Uses

- **School News:** Have students create weekly videos on school activities, publishing them to school website or server location, then post QR codes that link to these updates with the notice “What’s Happening in School This Week!”

Classroom Uses

- **Self-Assessment:** Create flashcards with the QR codes on the back, which would provide the answers to questions. You could incorporate links to websites that would provide additional information about the question subject.



Classroom Uses

- Resource links on class handouts

QR Code Math Fun!

Name _____

Directions : Choose the correct answer, then color the block on your page with the corresponding color to see the "mystery picture." If two colors are listed, work from top to bottom. Have fun!

Common Core Standard: 3.OA.4 Determine the unknown whole number in a multiplication or division equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations $8 \times ? = 48$, $5 = ? \div 3$, $6 \times 6 = ?$.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30



Classroom Uses

Code Quest: Create a cooperative learning “Code Quest” by posting QR codes at various locations. Each QR code will ask a question that will require the retrieval of an object. Once the object is found, another QR code will send students to another location, to locate yet another object. This Code Quest involves teamwork, cooperation, thinking, and moving around!

Classroom Uses

- Audio Tours



<http://www.ryerson.ca/library/info/libtour.mp3>

Library Tour via QR Code

QR code used as a means for students to download a short audio tour of the Library's main floor.

Classroom Uses

- **Guided Tours:** Students could create a guided tour of their school, a historical site, or museum, – researching the site, creating mobile webpages, videos, audio files, or any other type of appropriate media to provide more information—creating and posting the QR codes to the various locations.

Classroom Uses

Student Art Gallery Walk: Any visual art lesson can be converted into a multimedia gallery type exhibition using QR codes. The QR code may then link to an audio file, which further explains the artwork.



Classroom Uses

Create an Internet-Based Scavenger Hunt:

For any unit your students are learning, you can create QR codes, print them on paper and either place them in a center or spread them out. Each code can point to a site you want your students to use for an activity.

Classroom Uses

- **Mobile Class Newsletters:**
Include a QR code along with the printed URL that would direct parents to a mobile version of your class newsletter.



Contact Information:



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