Course Number and Title: PRDV 74124 Creating Quick Response Codes
Credit: 1
Online.

Introduction:
Discussion: Introduce yourself to your classmates. Please include what subject you teach and what grade you teach. Respond to 3 or more classmates.

Module 1: What is a Quick Response Code?
Objective: To gain an understanding how QR codes can be used in the classroom and why they should be used in the classroom.

Read the following articles:
Ways to use QR codes in education:
Twelve Ideas for Teaching with QR Codes
http://www.edutopia.org/blog/QR-codes-teaching-andrew-miller
How to tell a story using QR codes:
Hyperlinked Librarian Book Review Lessons
http://www.coetail.com/middletonb/2011/03/15/qr-codes/

Watch the following videos:
Using QR codes in the classroom: The students version
http://www.youtube.com/watch?v=hSA3YsBy_pU
The Magic of QR codes in the classroom:
http://www.youtube.com/watch?v=NRgWRXFxLQs
Exploring QR codes in education:
http://www.youtube.com/watch?v=Oq76DndAGLs

Discussion: After watching the videos and reading the articles, share why you would use QR codes in your classroom. What are the benefits for you and your students? Are QR codes just a fad?

Module 2: Mapping out your QR Codes.
Objective: To explore instructional ideas for use in your classroom.

Read the following articles:
5 Real Ways To Use QR Codes In Education
http://www.fractuslearning.com/2012/02/20/qr-codes-in-education/
Using QR codes in Education – Learn the latest news on QR codes.
Watch the following videos:
QR codes for teachers: http://www.youtube.com/watch?v=F_h7jlu07I8
Using QR codes in the classroom: http://www.youtube.com/watch?v=mjE6ko_WOfc

Additional Sites to Explore:
Speak Text: is a website that will turn what you typed words into audio and gives you a QR code. http://qrvoice.net/
Shortens your URLs:
Bitly: https://bitly.com/
Delivr: http://delivr.com/
Bingo Baker: creates bingo cards that can be printed or used online. https://bingobaker.com/
QR Hacker, will allow you to change the foreground and background colors, change the pixel roundness, and even add a logo or image to your code. http://www.qrhacker.com/

Storing Your Files Online:
Dropbox: https://www.dropbox.com/referrals/NTMxNzY3NDg5
Tagmydoc: http://www.tagmydoc.com/

Discussion: After reviewing the sites and reading the articles how do you think you might incorporate QR codes into your classroom. What additional sites do you think you would use in creating your lesson?

Module 3: Websites for creating QR Codes:
Objective: To explore QR code generators and QR code readers

QR Code Generators:
Kaywa QR Codes: http://qrcode.kaywa.com/
QR Code® Generator by Delivr http://delivr.com/qr-code-generator
Generate QR Codes using Google's Chart API http://createqrcode.appspot.com/
QR Stuff http://www.qrstuff.com/
Mobile Bar Codes http://www.mobile-barcodes.com/qr-code-generator/
i-nigma http://www.i-nigma.com/CreateBarcodes.html
QR Stuff http://www.qrstuff.com/ QR stuff supports, Google Maps locations, calendar events, and contact details.

QR Code Reader
KAYWA Reader http://reader.kaywa.com/
BeeTag http://www.beetagg.com/en/
i-nigma reader http://www.i-nigma.com/Downloadi-nigmaReader.html
DANSL Interactive Desktop QR reader http://www.dansl.net/blog/2010/desktop-qr-code-reader/

**Discussion:** What QR generator and QR code reader will you choose for your project? Why did you choose that particular QR generator and QR reader? Were there generators and readers that you didn’t like?

**Module 4:** QR Codes in the classroom

**Objective:** You will apply your QR skills to create a QR based lesson for your classroom.

**Final Assignment:** Create a lesson for your classroom which incorporates QR codes making sure that it aligns with the lessons goals and objectives. Include in your introduction, how the lesson will be introduced in your classroom. Align the QR code lesson with the Massachusetts Curriculum Framework

**Discussion:** Provide a short introduction to the lesson and your goals for your lesson. Review your classmate’s lessons and post feedback on all their lessons.

**Course Grading**

Module 1  Introduction 5 points
Module 1-4 Discussion Board Post 20 points (5 points each module)
Module 1-4 Feedback 20 points (5 points each module)
Final Project 45 points.
Feedback on others’ Final Project 10 points