

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:

<http://www.scholastic.com/teachers/top-teaching/2012/09/ten-ways-use-qr-codes-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:

<http://instructionaldesignfusions.wordpress.com/2010/11/04/tell-a-story-with-qr-c>

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.

<http://www.planet-science.com/categories/parentsteachers/latest-news/2011/07/using-qr-codes-in-education.aspx>

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/>

QR Treasure Hunt Generator. <http://www.classtools.net/QR/index.php>

Bingo Baker: creates bingo cards that can be printed or used online. <https://bingobaker.com/>

QRHacker, 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:

PaperPort Notes <https://itunes.apple.com/us/app/paperport-notes/id476134017?mt=8>

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/>

QRreader uses a computer's webcam. <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