

Using QR Codes to Enhance Classroom Instruction

NSSEO

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Goals for Today

- Learn how to use a QR code scanner
- View examples of embedding QR codes into lessons
- Learn to create your own QR codes
- Discuss how to use QR codes as a way to share kids work
- Discuss where to post work following AUP

THE QR INVASION

(PHYSICAL AND DIGITAL WORLDS COLLIDE)

QR CODE

[KYOO-AHR KOHD] - NOUN

(QUICK RESPONSE CODE) A 2D MATRIX BAR CODE CAPABLE OF STORING UP TO 4,296 ALPHANUMERIC OR 7,089 NUMERIC CHARACTERS.

1994

DENSO
WAVE

CREATES

QR CODES



It all began
in Japan

Denso Wave Inc. created

QR (quick response) codes

for tracking vehicle parts.

This was the start of the

QR invasion in Japan.



SCAN THE CODES FOR MORE INFO

They're everywhere!



What Can QR Codes Do?

- A QR code can link to:
 - text
 - a URL
 - a contact
 - a Google map
 - a video
 - a sound file



Using a QR Code Scanner

- iPod/iPad apps – there are many free scanners. These are our favorites:

- Red Laser



- Qrafter



Examples of QR Codes in the Classroom

- Recording of student reading an essay that they composed:

If I were President I would make this country better and influence the world by...



By: Richie



The image shows a student's work on a light blue background. At the top, the text reads "If I were President I would make this country better and influence the world by...". Below this text is a square QR code. Underneath the QR code, it says "By: Richie". At the bottom of the image, there are two black silhouettes of heads and shoulders, one on the left and one on the right, representing the student and possibly a classmate or a historical figure.

QR Codes in Early Childhood

<http://technologyinearlychildhood.com/tag/qr-codes/>



SCAN
the QR Code

WRITE
the number

COLOR
the 10 frame

Learning the teens with
QR Codes

A 10-frame grid (two rows of five) is shown. Below it is a pink piggy bank with a QR code on its side.

Sight word
BINGO
with audio QR
Codes

A black tray contains several sight word cards with QR codes. A black tray contains colorful markers. A bingo board is shown with the following words in a 5x5 grid:

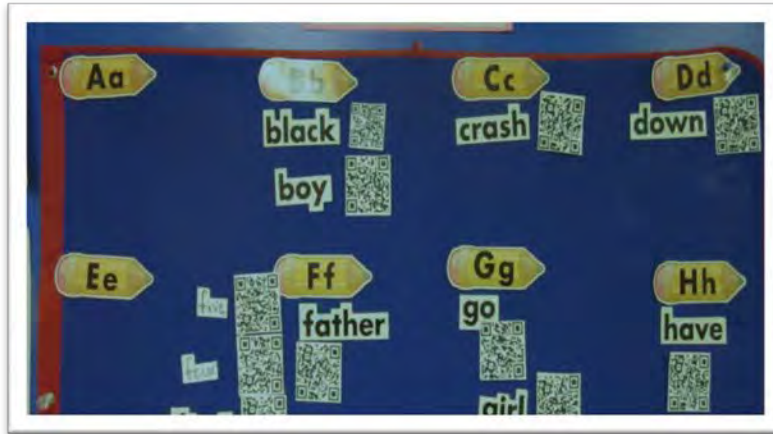
of	like	in	my	is
am	yes	are	the	I
with	to	This space	we	it
you	and	no	me	at
as	an	for	what	look

**IT FUN SIGHT
WORD GAME
WITH QR
CODES!**

A red barn graphic with a white roof and a white 'X' on the front. A QR code is located on the left side of the barn. Below the barn is a grid of nine smaller red barns, each containing a sight word and a QR code:

in	like	is
it	look	my
the	to	with

SQRLs - QR Codes with ASL



Sign Quick Response Label. It refers to a QR code that links to an ASL sign or video

<https://www.gadoe.org/Curriculum-Instruction.../SQRL%20Power.pd>
Atlanta School for the Deaf

Creating a QR Code that Displays Free Text

- QR Code Generator
 - <https://www.the-qr-code-generator.com/>



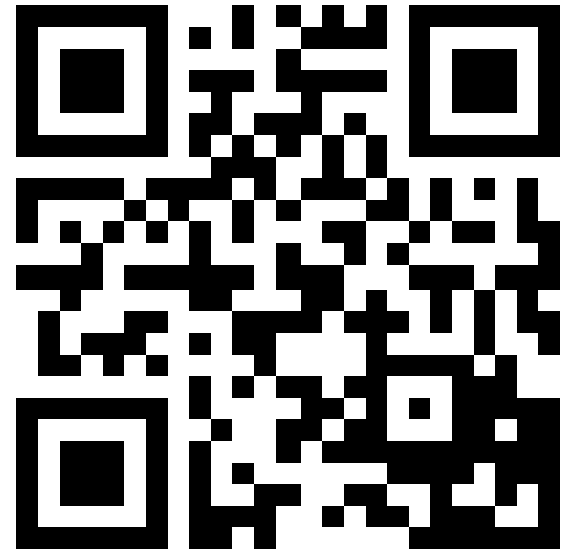
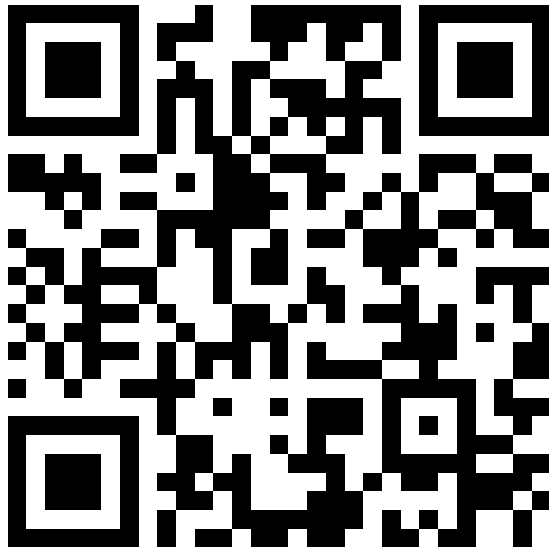
Creating a QR Code that links to a URL

QR Generator

<https://www.the-qrcode-generator.com/>

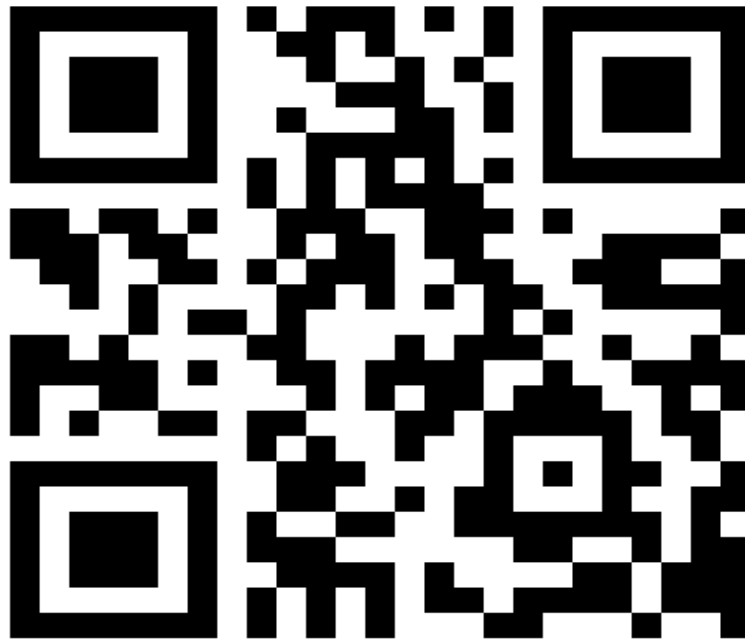
QR Stuff

<http://www.qrstuff.com/>



Creating a Text to Speech QR Code

- QR Voice
 - <http://qrvoice.net/>



Creating a QR Code with a Voice Recording

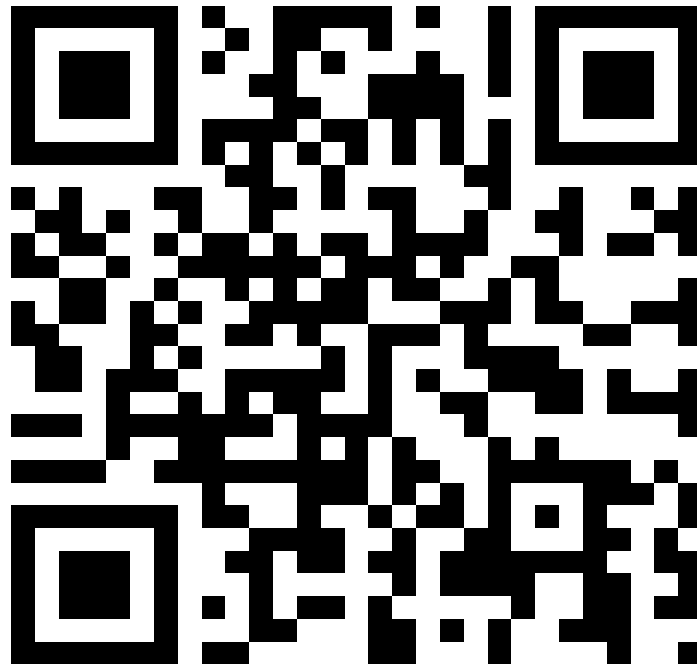
Vocaroo

Vocaroo - The premier voice recording service.



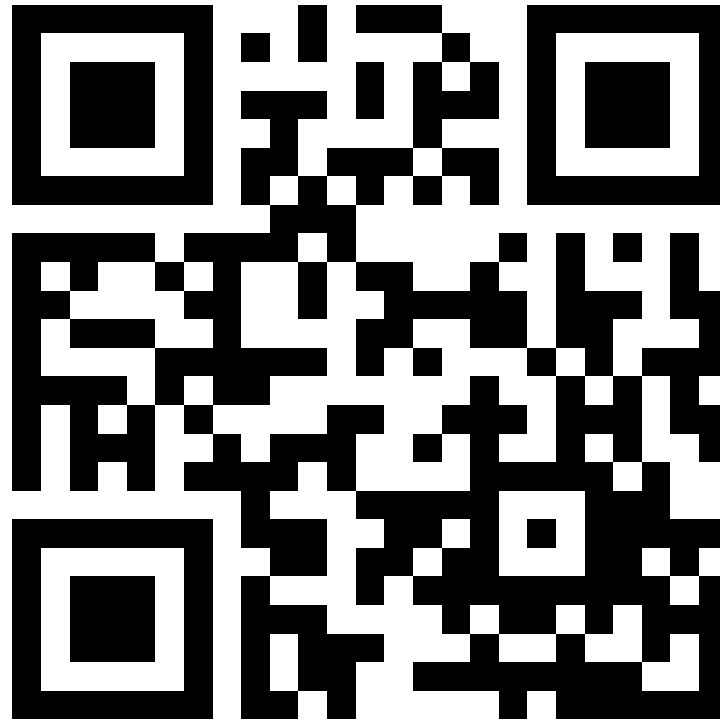
Or upload?

- <http://vocaroo.com/>
- Record on the computer – *won't* work on the iPad



QR Treasure Hunt Generator

<http://www.classtools.net/QR/create.php>



The Many Ways to Use QR Codes

- **Excite students about upcoming material.**
 - connect a QR code to the "picture of the week" or "question of the day" and use it as an anticipatory set to get students thinking about upcoming information.
- **Link to favorite websites**
 - www.brainpop.com

- **Demonstrate reading fluency**

- have students record themselves reading aloud and create a QR code so they can listen to themselves.






- **Writing prompts**

- connect a QR code to a writing prompt (text or picture)

- **Make interactive worksheets**

Diary of Ann Frank
Chapter 1: Idioms

Idiom	Page number in book
	
	
	

- [Video of student using worksheet with QR code](#)

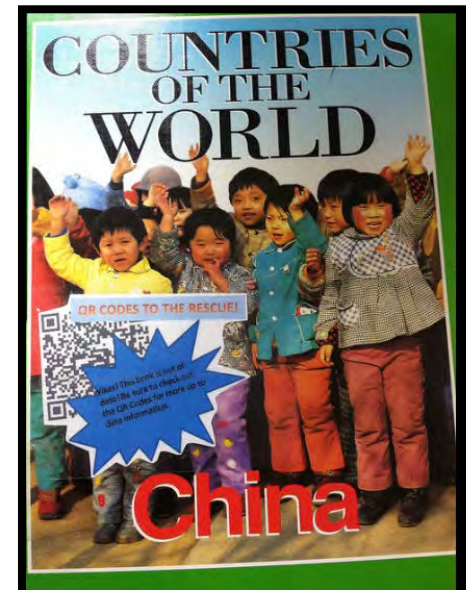
- **Digital portfolios for Students**

- Upload a few examples of student papers, projects, tests and quizzes to a QR code.
- The code could also include links to student videos, blog posts or other multimedia projects.
- That QR code-portfolio could then be printed on the student's report card or sent home to parents.



- **Scavenger Hunts**

- QR Codes and Books
 - Students create a talking QR code to provide a review of the book they just read.
 - Add a QR Code to send a student to a website related to the content of the book
 - Author's page
 - Video of content (i.e. Hurricane's)
 - Follow up questions



QR Codes and Bulletin Boards

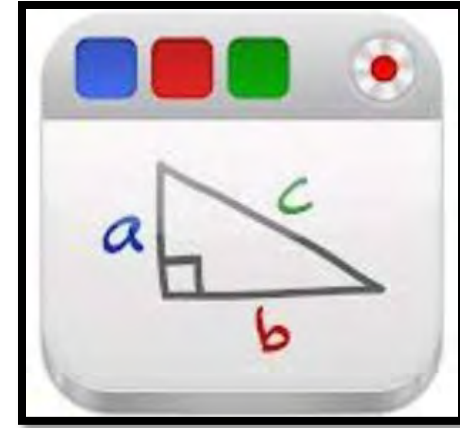


<http://www.notyourmamaslibrary.com/2013/01/bulletin-board-with-qr-codes.html>

Apps with a Sharing Link



Screen Chomp



Educreations

Webpage to Share Link

- Edmodo



- Free account; library on teachers page has a the ability to make a page public

- Padlet

- Free, electronic bulletin board

- Website

If your link has student photos be aware of where you can post!

Time to explore and create

- Email us and let us know how you're using them with your students!

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