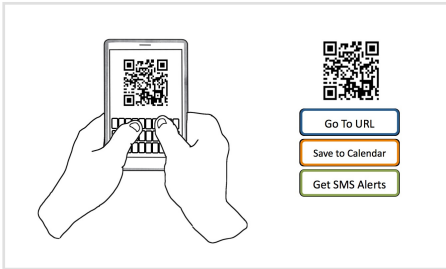**Lesson Plan**

This lesson plan is designed to help you teach using a Common Craft video. Use the information below to introduce the video and then follow the video with discussion questions and other resources.

commoncraft.com/video/qr-codes

ISTE Standard:
Empowered Learner, Indicator 1d

QR Codes

Explained by Common Craft

This video explains how QR codes are changing the way we access information in the real world through scanning a new kind of code with a camera phone.

Learning Outcomes

- Describe how QR codes help link physical objects to online information

- Identify the steps to take use a QR code

- Explain how a QR code is like a barcode on an item at the grocery store

Discussion Questions

Q #1

Where have you seen QR codes? How have you used them?

Q #2

What are examples of real world locations you wish were clickable? Explain.

Knowledge Check Q&A

Q

What is a QR code?

A

A QR or "quick response" code is a scannable code that links to the Internet.

Q

How is a QR code similar to a barcode on grocery products?

A

Both are codes that create shortcuts to information. A grocery product barcode is a shortcut for the product, and a QR code is a shortcut to all kinds of information.

Q

What is the importance of a QR code?

A

QR codes make the real world clickable for the first time.

Resources for Learning More

How to Geek
Chris Hoffman
"QR codes explained: Why you see those square barcodes everywhere" 5/2013

https://www.howtogeek.com/162394/qr-codes-explained-why-you-see-those-square-barcodes-everywhere/

QR Code Generator

http://www.qr-code-generator.com/

Edutopia
Andrew Miller
"Twelve ideas for teaching with QR codes" 1/2014

https://www.edutopia.org/blog/QR-codes-teaching-andrew-miller

NPR: All Things Considered
"QR codes for headstones keep dearly departed close" 9/2012

http://www.npr.org/2012/09/29/162011967/qr-codes-for-headstones-keep-dearly-departed-close

Wired.com
Davey Alba
"Alibaba reveals a new kind of QR code to fight counterfeits" 5/2015

https://www.wired.com/2015/05/alibaba-reveals-retro-way-fight-counterfeits-qr-codes/