

QR Code SCAN-venger Hunt

Join the presentation @
<https://goo.gl/uVyJ66>

Hello!

Kelly Oliva

Liberty High School

Wentzville, MO

Nina O'Daniels

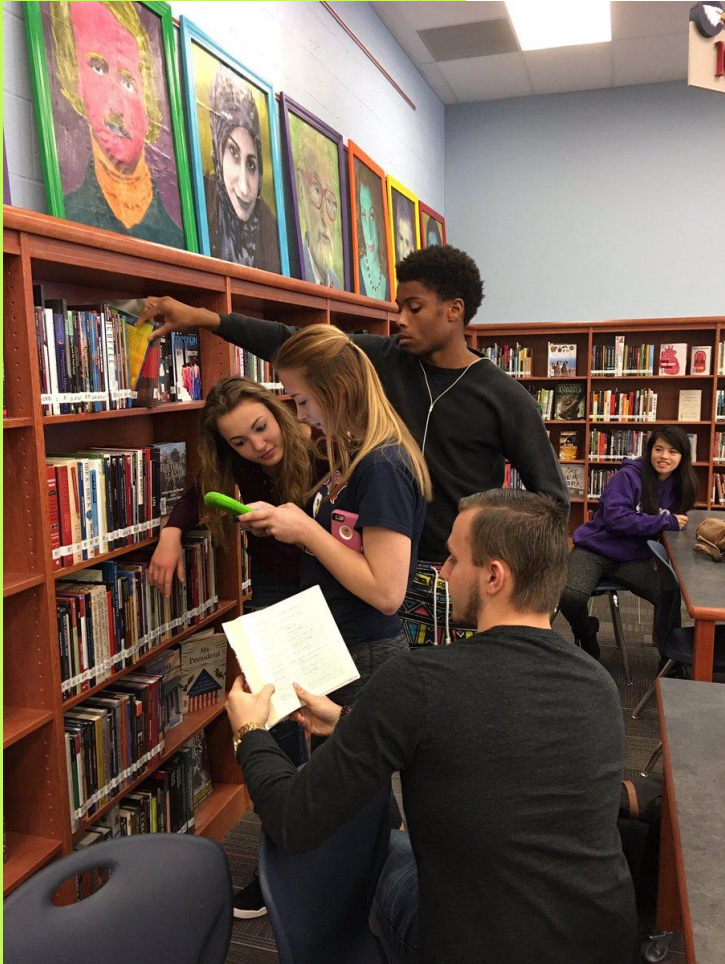
Fort Zumwalt West High School

O'Fallon, MO

1.

QR Code SCANvenger Hunt

Fresh way to incorporate curriculum and technology that gets kids moving. #gamify #edtech



Let's try one!

- ❖ Pair up with someone who has a QR code scanner app
- ❖ Listen for your group number
- ❖ Scan the QR code and read the clue that leads you to your starting point
- ❖ Once you get to a starting point, locate the next QR code, scan it, and answer the questions
- ❖ After you answer correctly, and submit the form, you will get another clue leading you to the next station

Scan or View



<https://goo.gl/eK3Wwc>

2.

Components

How does this work?

#googleforms

#planning

Before you setup your form...

Curriculum

Choose a set of questions that allow for multiple choice answers.

- ❖ Review questions
- ❖ Introduction to material
- ❖ Assessment
- ❖ Team building
- ❖ Background information

Examples:

[FACS \(Time Management\)](#)

[US History](#)

[Biology](#)

Before you set up your form...

Remediation

Identify appropriate remediation tools if students answer incorrectly.

- ❖ Video links
- ❖ Web pages
- ❖ Classroom notes
- ❖ Images
- ❖ Presentation slides
- ❖ Text

Things to consider...

Questions per form

A good limit is 3-4 questions per form. This will depend on how many groups are participating, how many students per group, and how long you have for the activity.

Location

What physical space will be used? Any floor of your building, the library, classroom, outside (football field, outdoor classroom, etc).
Make sure wifi will be available!

Starting points (locations)

Develop clues that will lead your groups to the appropriate stations. Keep them simple, challenging, and fun.

Clues

“This West High Staffer has no problem catching Pikachus.”

“This place holds more hardware than Home Depot.”



3.

The Forms

#multistepprocess
#qrcodes
#googleforms

What will you need?

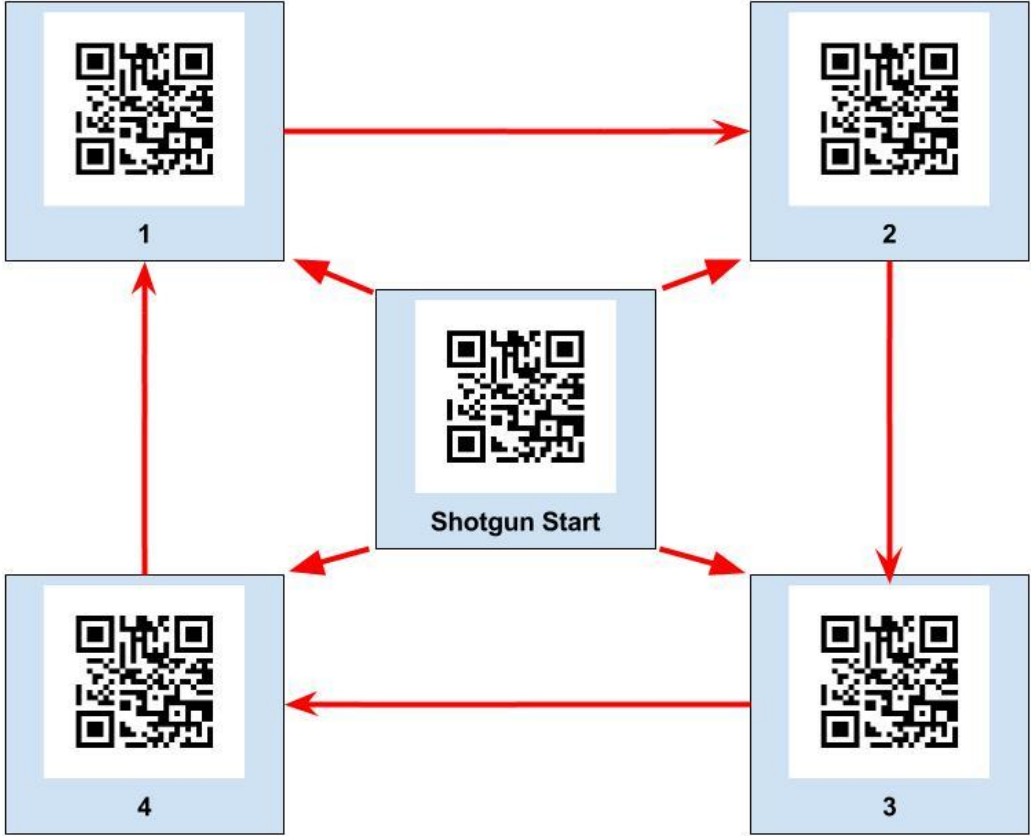
- ❖ **Google Form - Shotgun start form**
 - Groups and names of participants
 - Starting points with clues
- ❖ **Google Question Forms**
 - One form for each station
 - Set of questions (mc answers)
 - Remediation page
 - Leads to another clue/station
- ❖ **QR codes**
 - One for each station
 - One for shotgun start

The Shotgun Start

What does that mean?

- ❖ Each group will start using the same form
- ❖ Provide a QR code or URL for the start
- ❖ Clue for each group will lead them all to a different starting point
- ❖ Groups will follow an order once they have started to avoid overlap at stations

Shotgun Starting Point



The Shotgun Start Form

Setting up the form:

- ❖ Choose the number of stations you'll need (this will also decide how many question Forms you'll create)
- ❖ Choose destinations around the school and create clues to lead to these locations
- ❖ Locate the Form link and post it to share with students

[Click here for detailed instructions on setting up the form](#)

Form Basics

- ❖ Students add their names
- ❖ Select group number
- ❖ Group number response takes them to a starting point clue
- ❖ Clue is a hint for first QR code

<input type="radio"/> 1	×	Go to section 2 (Group 1 Starting Point)
<input type="radio"/> 2	×	Go to section 3 (Group 2 Starting Point)
<input type="radio"/> 3	×	Go to section 4 (Group 3 Starting Point)
<input type="radio"/> 4	×	Go to section 5 (Group 4 Starting Point)
<input type="radio"/> 5	×	Go to section 6 (Group 5 Starting Point)
<input type="radio"/> 6	×	Go to section 7 (Group 6 Starting Point)

Section 3 of 7

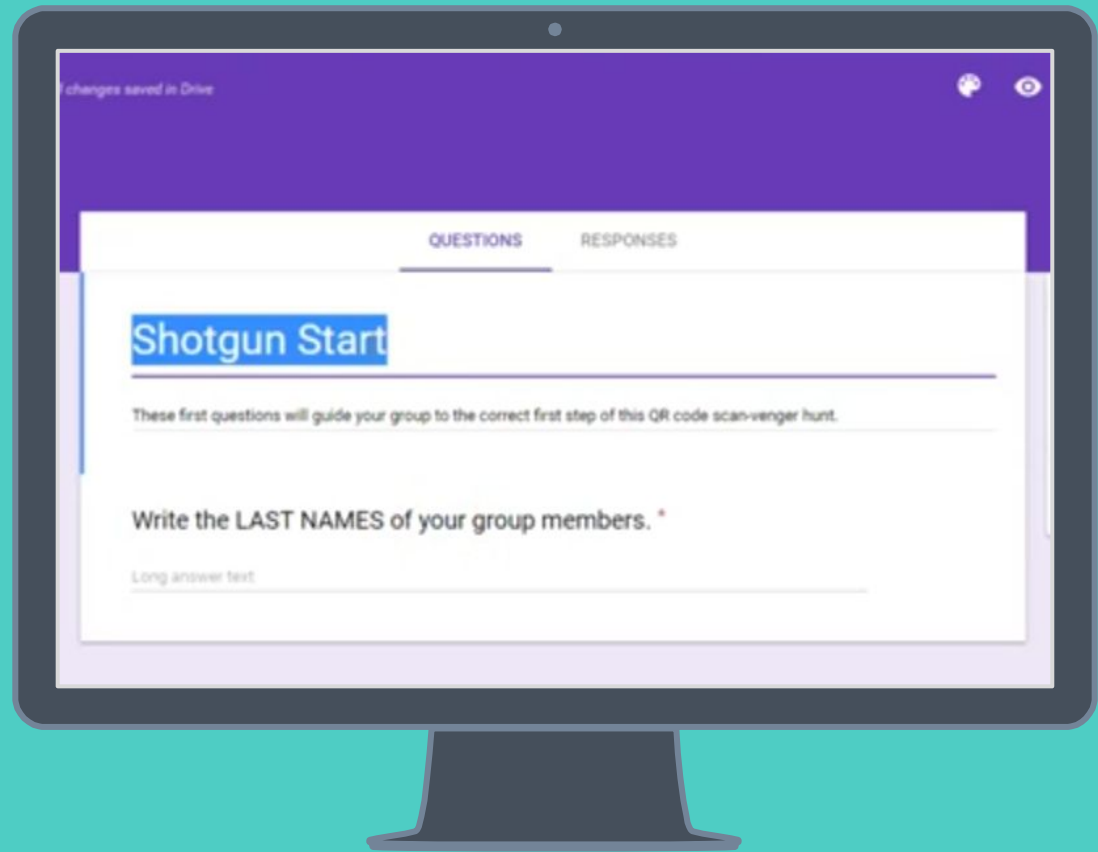
Group 2 Starting Point

This place has more hardware than Home Depot!

Section 4 of 7

Group 3 Starting Point

Books found here are a GATEWAY to your imagination.



Shotgun Start Demo

Watch this video for a short, how-to tutorial.

The Question Forms

- ❖ Create a different section for each question
- ❖ Each station should have a separate form/QR code
- ❖ Set response destination for clues to next station
- ❖ Add remediation section so students can get to correct answer
- ❖ Add an extra blank section at the end
- ❖ Set the clue for the next QR code location
- ❖ Decide what information you'll collect from students from each Form (email address? Group names? Group number?)

[Click here for detailed instructions on setting up the form](#)

Form Basics

- ❖ Questions lead to specific section on form (either for correct answer or remediation)
- ❖ After submitting form, in settings, clue to next station will be revealed
- ❖ Students cannot submit form with incorrect answer.

What building does Ross need to get to? ⊙ Mt

<input type="radio"/> The Paleontology Department	×	Go to section 4 (Station 1)
<input type="radio"/> The Central Perk	×	Go to section 4 (Station 1)
<input type="radio"/> The Freeman Building	×	Continue to next section
<input type="radio"/> Ralph Lauren	×	Go to section 4 (Station 1)

GENERAL PRESENTATION QUIZZES

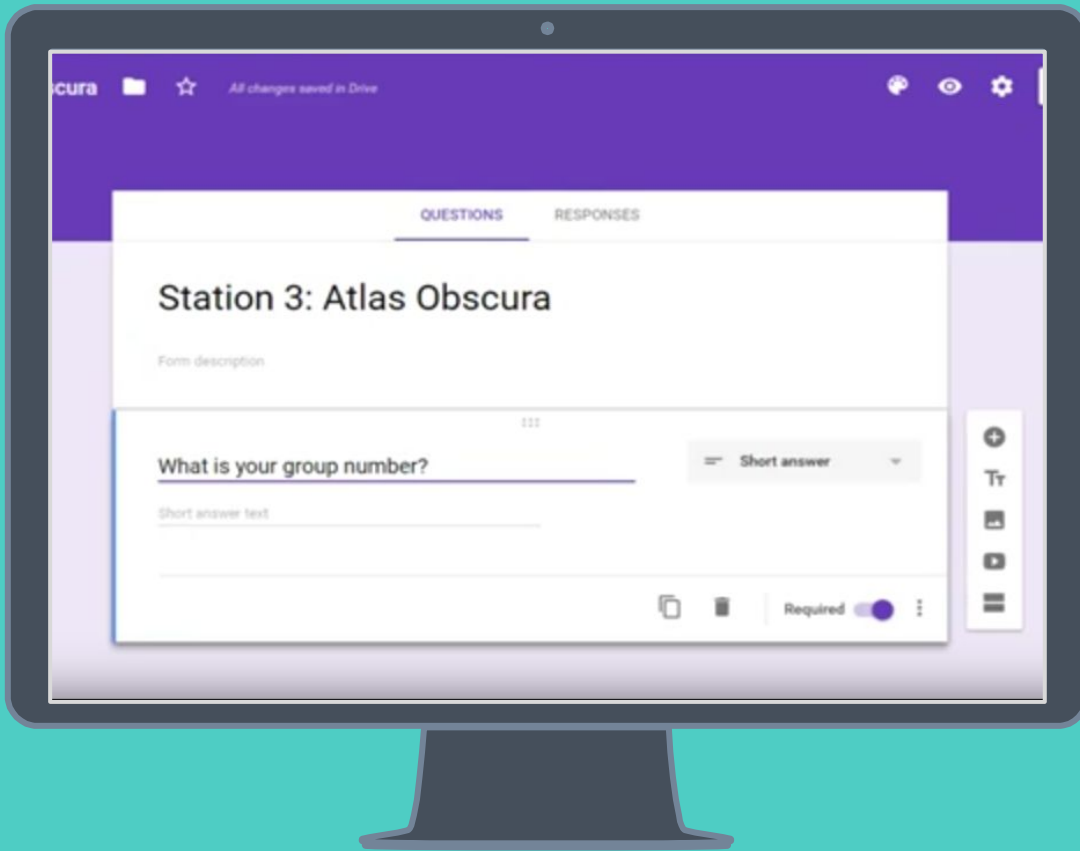
Show progress bar

Shuffle question order

Show link to submit another response

Confirmation message:

Use this clue to locate your next QR code:
This place holds more hardware than Home Depot!



Question Form Demo

Watch this video for a short, how-to tutorial.

The QR Codes

- ❖ Once all forms have been created and checked over, create a QR code for each one.
- ❖ Locate the preview icon on the Google Form and choose

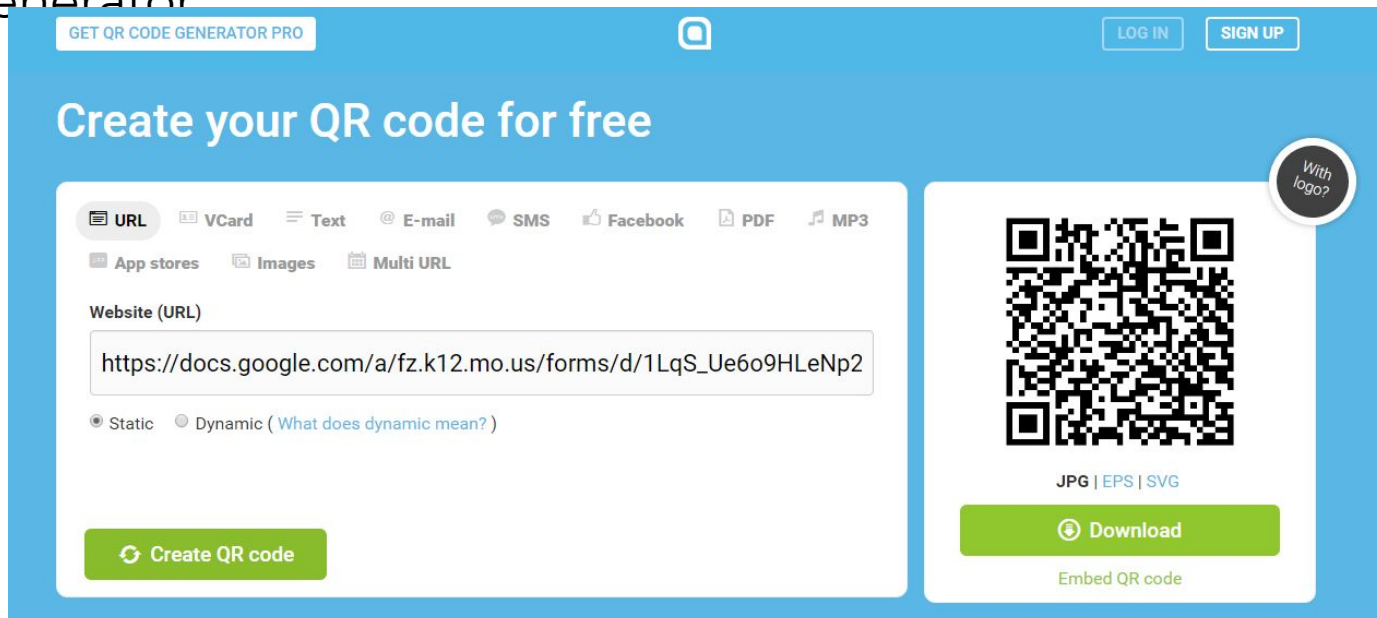


- ❖ Using the preview mode and a QR code creator, create a code. The google extension goo.gl url shortener was used in the image below.

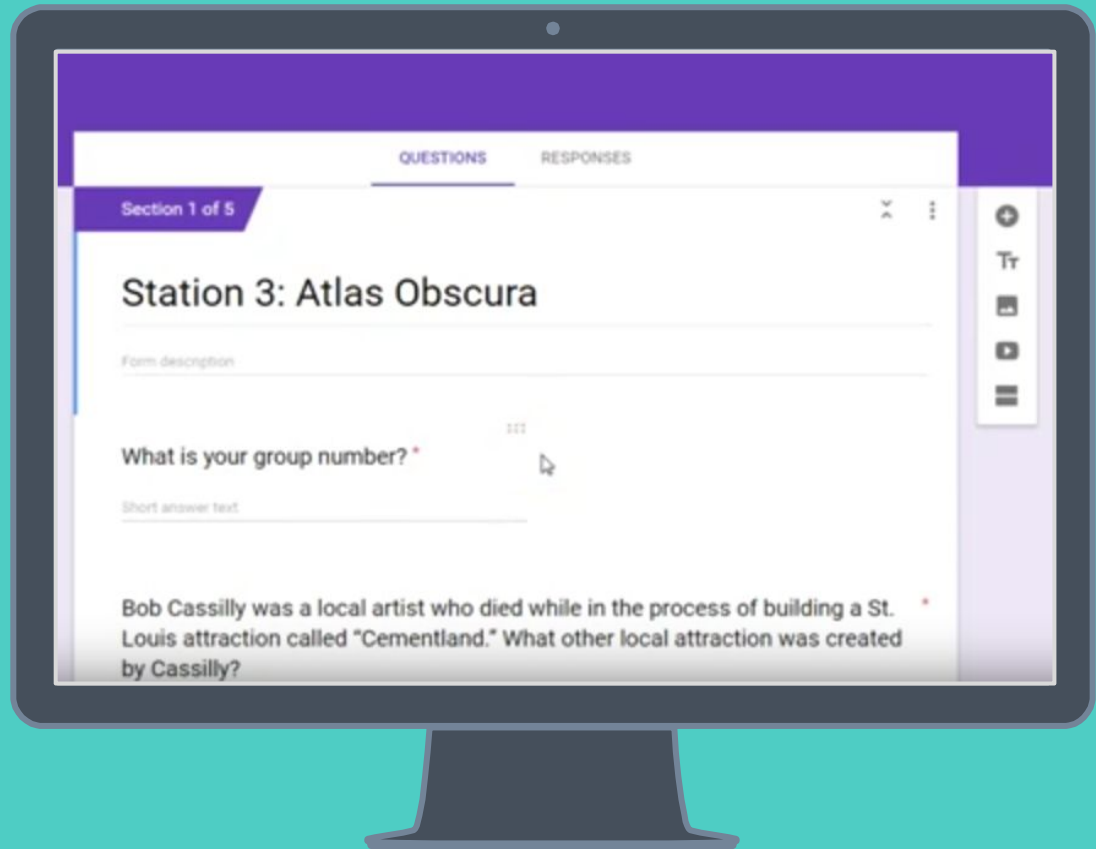


The QR Codes

- If using a QR code generator from a website, use the link from the preview mode to create the QR code. Download or save the image. If using a website, just google “QR code generator”



- QR codes for Android
- QR codes for IOS



QR Code Demo

Watch this video for a short, how-to tutorial.

QR code placement



- ❖ Place QR codes at each station.

Hints:

- ❖ Write location or station number on the backs of the codes to avoid confusion
- ❖ Think about how big/visible you want them to be
- ❖ Colored paper vs. less noticeable
- ❖ Have an extra set at the ready in case the code gets taken down

Parting Tips and Tricks

- ❖ Make sure your station locations support wifi
- ❖ Make sure students can troubleshoot problems with QR reader (you will not always be by them)
- ❖ Scan all QR codes to make sure each location clue is in the correct order
- ❖ If possible, practice scanning as a student (fake student account)
- ❖ Consider printing out the a shortened url for those who can't access a QR code reader or in case QR code isn't working

Editable Forms

- ❖ View sample Forms here, but please “Make a Copy” before editing for your own use:
 - <https://goo.gl/799Vjj>

Thanks!

Any questions?

Kelly Oliva
kellyoliva@wsdr4.org

Nina O'Daniels
nodaniels@fz.k12.mo.us