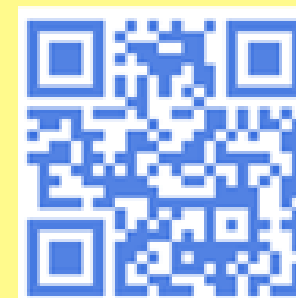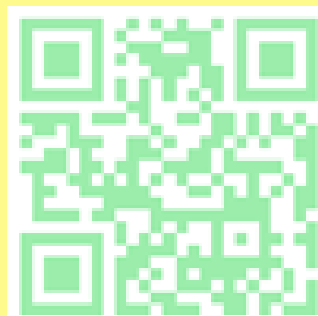# QR Codes

QR stands for Quick Response. It's basically a quick, scannable barcode-like image that takes you to a specific digital destination.

It is (usually) in the shape of a square. It looks like a bar code with splotches instead of lines.

How do you read a QR code?

To scan or read a QR code, you need:

- Mobil device (phone, iPad) with a camera

- QR Code Reader App

- Internet Access

What information will you see after you scan the QR code?

Once you scan it, the code will point your device to the data set up by the code creator.

QR codes can lead to many types of data (for example play a video, create a Facebook Like, scan to buy, etc), and you will always be prompted to tap to take the relevant action.

For example:

If the code encodes a web address (URL), it will redirect you to the website.

If the code encodes an email address, the QR reader will display the email address and allow you to copy it into your clipboard.

If the code encodes a text message, you will see the text message and with one click you can send it.

Sample data types a QR Code can lead to include:

1 DATA TYPE

- ○ Website URL
- ○ YouTube Video
- ○ Google Maps Location
- ○ Twitter
- ○ Facebook
- ○ LinkedIn
- ○ Instagram
- ○ FourSquare
- ○ App Store Download
- ○ iTunes Link
- ○ Dropbox
- ○ Plain Text
- ○ Telephone Number
- ○ Skype Call
- ○ SMS Message
- ● Email Address
- ○ Email Message
- ○ Contact Details
- ○ Digital Business Card
- ○ Event (VCALENDAR)
- ○ Wifi Login (Android Only)
- ○ Paypal Buy Now Link
- ○ Bitcoin

Downloading a QR Code Reader: Kaywa

1. Take out your mobil device (phone/iPad)

2. Download a free QR code reader onto your mobile device (phone or iPad).

We will use KaywaReader (Kaywa.com).

iPhone/iPad: Search for Kaywa. The results will list KaywaReader in the App store. Click to downoad KaywaReader (or you can go right to App store and type KaywaReader)

Android: Search for KaywaReader in Google Play or Google Play Store. Click to download.

NOTE: When prompted, there is no need to allow KaywaReader to access your location ("Don't Allow") and you can "Skip" the introductory slides

3. Lauch the KaywaReader, point your phone at the QR code and it will automatically detect the code

Try it out!

• Read some sample QR Codes relating to <u>The Heart of A Samurai</u> by Margi Preus
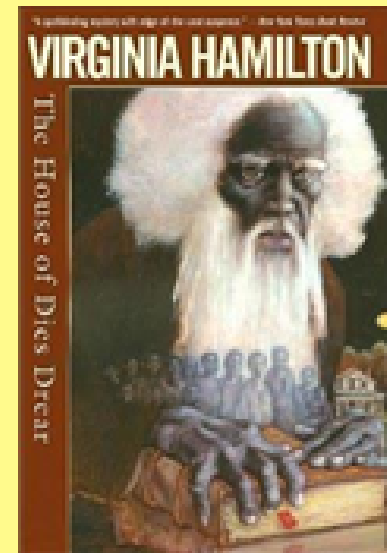
QR Code on the The House of Dies Drear by Virginia Hamilton poster

Review The House of Dies Drear poster project.

Brainstorm topics tied to the novel that the audience can learn more about.

Each student will find a website URL that provides relevant additional information to The House of Dies Drear and create a QR Code that will be pasted onto the poster.

QR Code Creator: qrstuff.com

Login to your Google account using
the @ohalincroft.com domain

Go to the QR Code creator website:
www.qrstuff.com

Two Ways to Add a QR Code to Your
Google Drive

Option 1: Download the QR Code and save
on your drive

Option 2: Copy the QR Code, paste it into a
Google Doc and save the Google Doc

Option 1: To download the QR Code www.qrstuff.com and save on your drive

1. Pick Data Type (Website URL)

2. Type URL

3. Select a color for your QR Code

4. Download QR Code

QR CODE GENERATOR

1 DATA TYPE

- Website URL
- YouTube Video
- Google Maps Location
- Twitter
- Facebook
- LinkedIn
- Instagram
- FourSquare
- App Store Download
- iTunes Link
- Dropbox
- Plain Text
- Telephone Number
- Skype Call
- SMS Message
- Email Address
- Email Message
- Contact Details
- Digital Business Card
- Event (VCALENDAR)
- Wifi Login (Android Only)
- Paypal Buy Now Link
- Bitcoin

2 CONTENT

Website URL
http://

Encoding Options

- Static - Embed URL into code as-is
- Dynamic - Use our qrs.ly URL shortener

What's the difference?

Subscribers get analytics reporting and QR code editing with dynamic QR codes.

3 FOREGROUND COLOUR

Foreground Colour (Hex):
000000

Subscribers can also specify image size and resolution, and choose from 6 raster or vector output file types and 4 error correction levels.

QR CODE PREVIEW

⬇ DOWNLOAD QR CODE

4 OUTPUT TYPE

DOWNLOAD | **PRINT** | **EMAIL** | **BATCH FILE UPLOAD** | **PUT YOUR CODE ON OTHER STUFF** | Dynamically create your own custom QR code products

CREATE A VISUAL QR CODE

FREE

How to Save Your Downloaded QR Code into Your Google Drive

1. Open the Download folder on your computer and locate your QR Code file.

2. Change the name of your QR Code file. Make the name something relevant to the information on your code (Underground Railroad Sites, Virginia Hamilton, etc.)
   - Right click on the file to change the file name

(See next slide for illustration:)
3. Open your Google Drive and click red NEW button on the left side of your screen.

4. Select File Upload.

5. Find your QR Code and click Open. It will now be on your Google Drive.

6. Print the QR code file from here. Paste it on the front of your poster.

3. Open your Google Drive and click red NEW button

4. Select "File Upload"
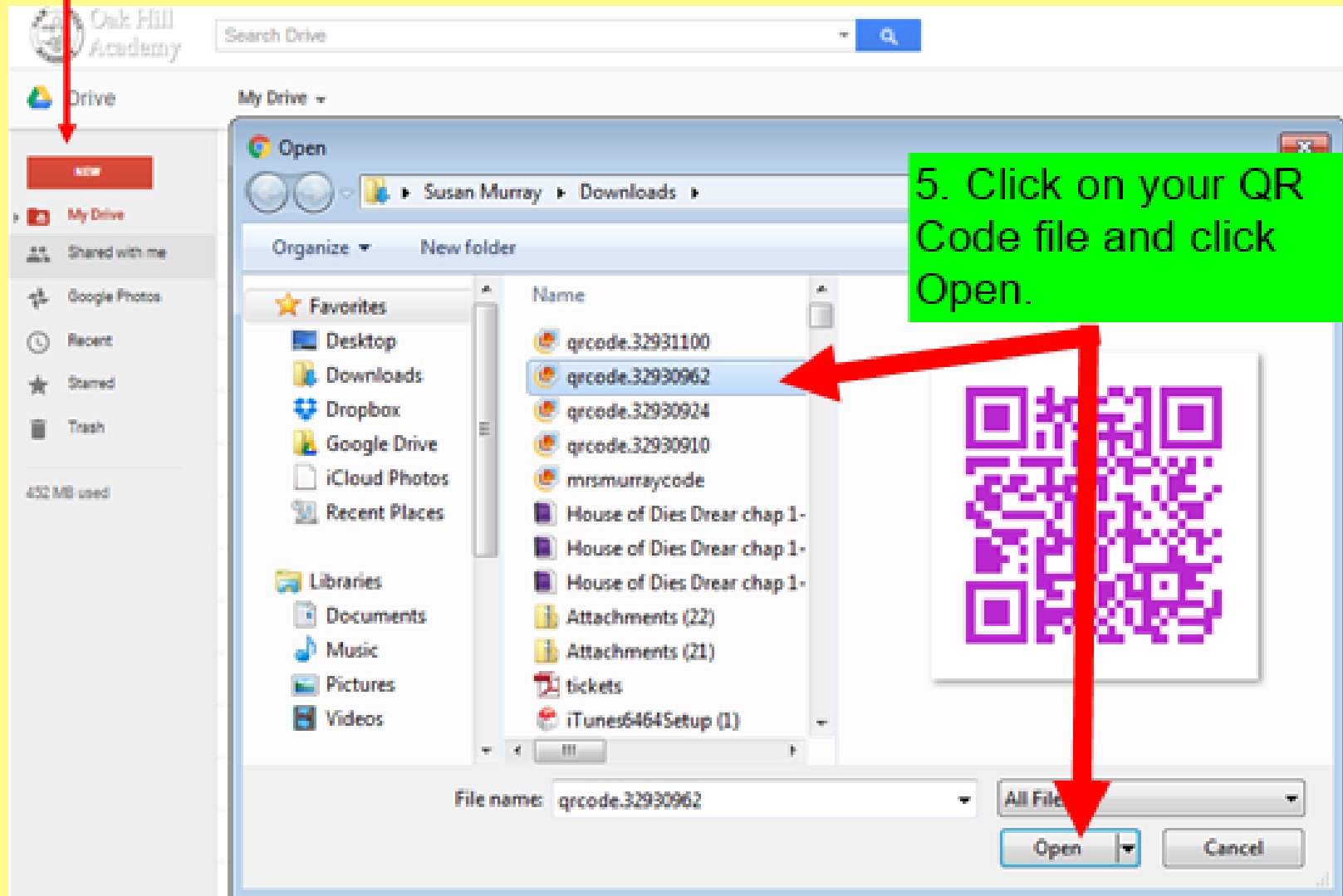
5. Click on your QR Code file and click Open.

6. You can print the file directly from your Google Drive. Paste it on the bottom right corner of your poster.

Option 2: ***See next slide for illustration***
Copy the QR Code onto your clipboard, create a new Google Doc, paste it into that Doc and Save it.

NOTE: The Snipping Tool is not available on all operating systems but it's a great tool if you have it!

Using the Snipping Tool

- Click on the Windows button
- Type Snipping Tool
- Use the Snipper to "snip" the QR Code.
- Copy that Snip into your clipboard.
- Paste the Snip into the Google Doc.
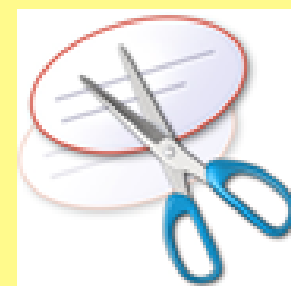
SNIPPING TOOL **www.qrstuff.com**

1. Pick Data Type (Website URL)

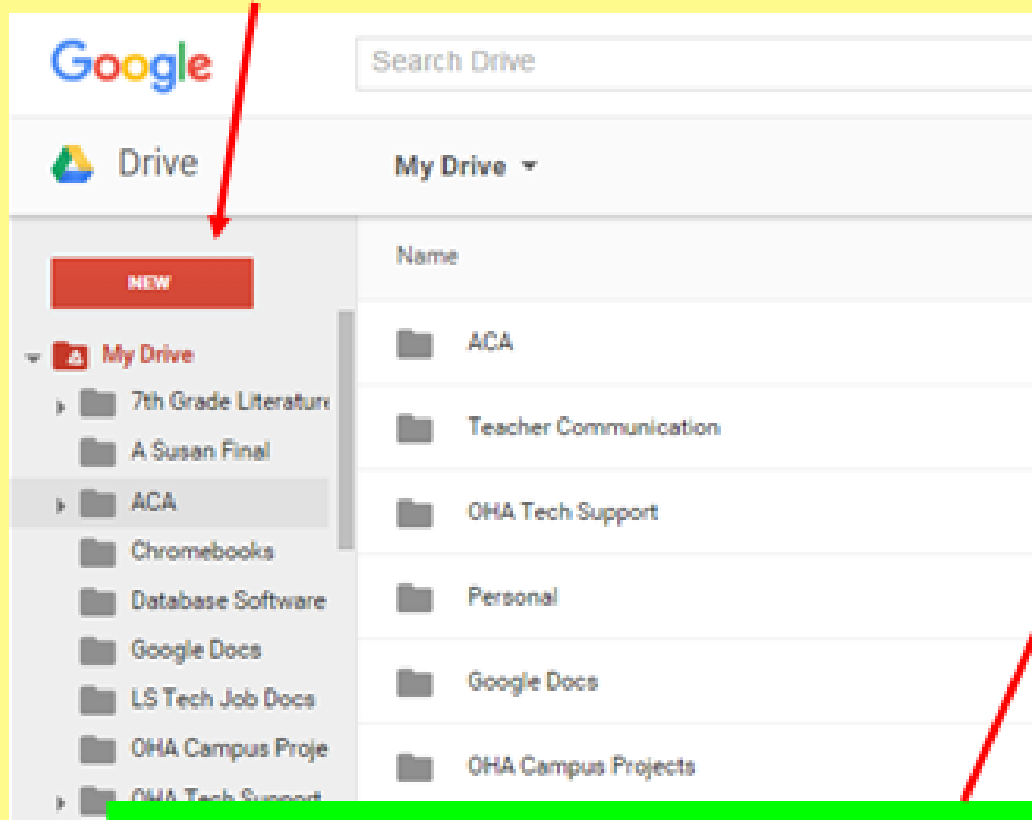**2. Type URL**

3. Select a color for your QR Code

4. Launch Snipping Tool and snip QR Code Preview into clipboard

QR CODE GENERATOR

1 DATA TYPE

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- Google Maps Location
- Twitter
- Facebook
- LinkedIn
- Instagram
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- Telephone Number
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QR CODE PREVIEW

⬇ DOWNLOAD QR CODE

4 OUTPUT TYPE

DOWNLOAD   PRINT   EMAIL   BATCH FILE UPLOAD   PUT YOUR CODE ON OTHER STUFF   Dynamically create your own custom QR code products

CREATE A VISUAL QR CODE

3. Open your Google Drive and click red NEW button

4. Select Google Docs

5. Paste your QR Code into the document.
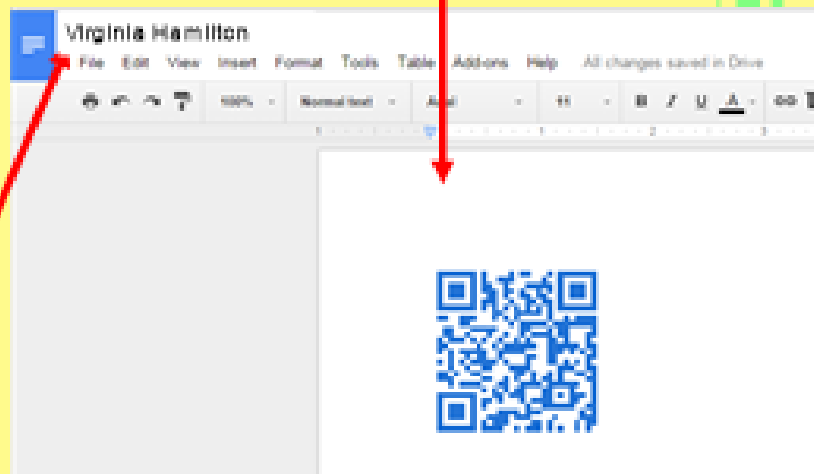
6. Save file with new name (one that relates to the content of your QR Code) - Virigina Hamilton

7. You can print the file directly from your Google Drive. Paste it on the bottom right corner of your poster.