Google Maps for Genealogy

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Phelps Genealogy Club
https://www.phelpslibrary.org/adults

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This Complete Presentation
is available online

At www.dennisAhogan.com, click on Lectures and Handouts tab

➢Google Maps for Genealogy

➢Select a handout and save on your computer

➢Then you can click on links to try out websites

Resources

➢How to use Google Maps, https://support.google.com/maps/answer/144349?hl=en

➢ Cook, Lisa Louise The Genealogist's Google Toolbox, 2nd Edition. San Ramon, CA:Genealogy Gems Publications, 2015.

Why use maps for genealogy?

➢Research

  ➢Aids in understanding where to look for records (watch out for boundary changes)

  ➢Can lead to finding ancestral home

  ➢If you have a lot of data (all Smiths in a county), can help with analysis

➢Sharing

  ➢Visual format may be more appealing to some rather than facts & narratives.

Boundary Changes - Tools

➢US

http://www.mapofus.org/#county

http://publications.newberry.org/ahcbp/

http://www.randymajors.com/p/maps.html

http://www.census.gov/geo/reference/boundary-changes.html

Animap (Windows,$), http://goldbug.com/animap/

Boundary Changes - Tools

➢Foreign

http://www.canadiangeographic.ca/mapping/historical_maps/

http://c.mfcreative.com//i/landing/intl/Canada/census/en/wim/index.html

http://www.randymajors.com/p/worldmap.html

Centennia, (Windows, Mac, $, Europe & Middle

East border changes since 11th century)

http://www.clockwk.com/

Google Maps – 2 tools

➢Google Maps, https://www.google.com/maps

   ➢or enter a location in the google search box & then click on map for full screen view

   ➢Basic features include search, directions, traffic info, street view

➢ Google My Maps, https://www.google.com/mymaps

   ➢Customize maps to share

   ➢Includes features of former products Google Maps Engine Lite & Google My Maps Pro

Google Maps – Browsers

➢For best results, use the latest version available for Chrome, Firefox, or Safari.

➢To use Internet Explorer, see https://support.google.com/maps/answer/3118069?hl=en

Google Maps

Google Maps

Google Maps

Google Maps

Google Maps - features

➢Click on **Street View** to see interactive panoramic view (contemporary) of ancestral community

   ➢Click on 🧍 pegman icon to displays streets in blue which have been filmed for Street View

➢Click on **Nearby** & enter something like cemeteries, churches, pizza, etc.

Google Maps – Street View

➢Click on **Street View** to see interactive panoramic view (contemporary) of an ancestral community
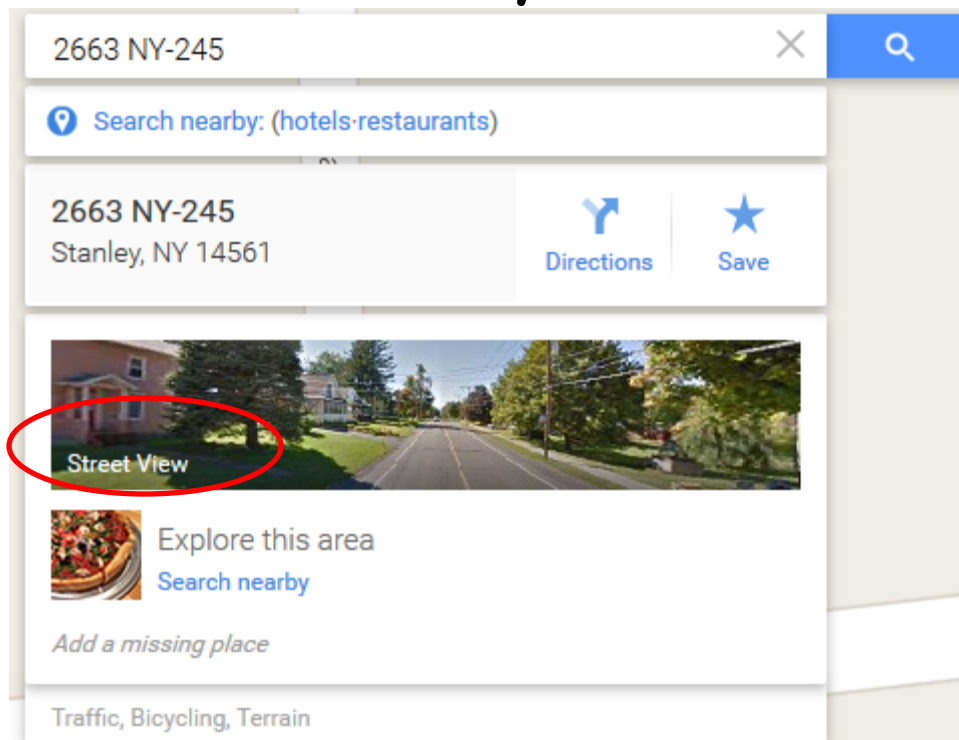
Google Maps – Street View

Google Maps - Street View

Google Maps – Street View

Google Maps – Street View
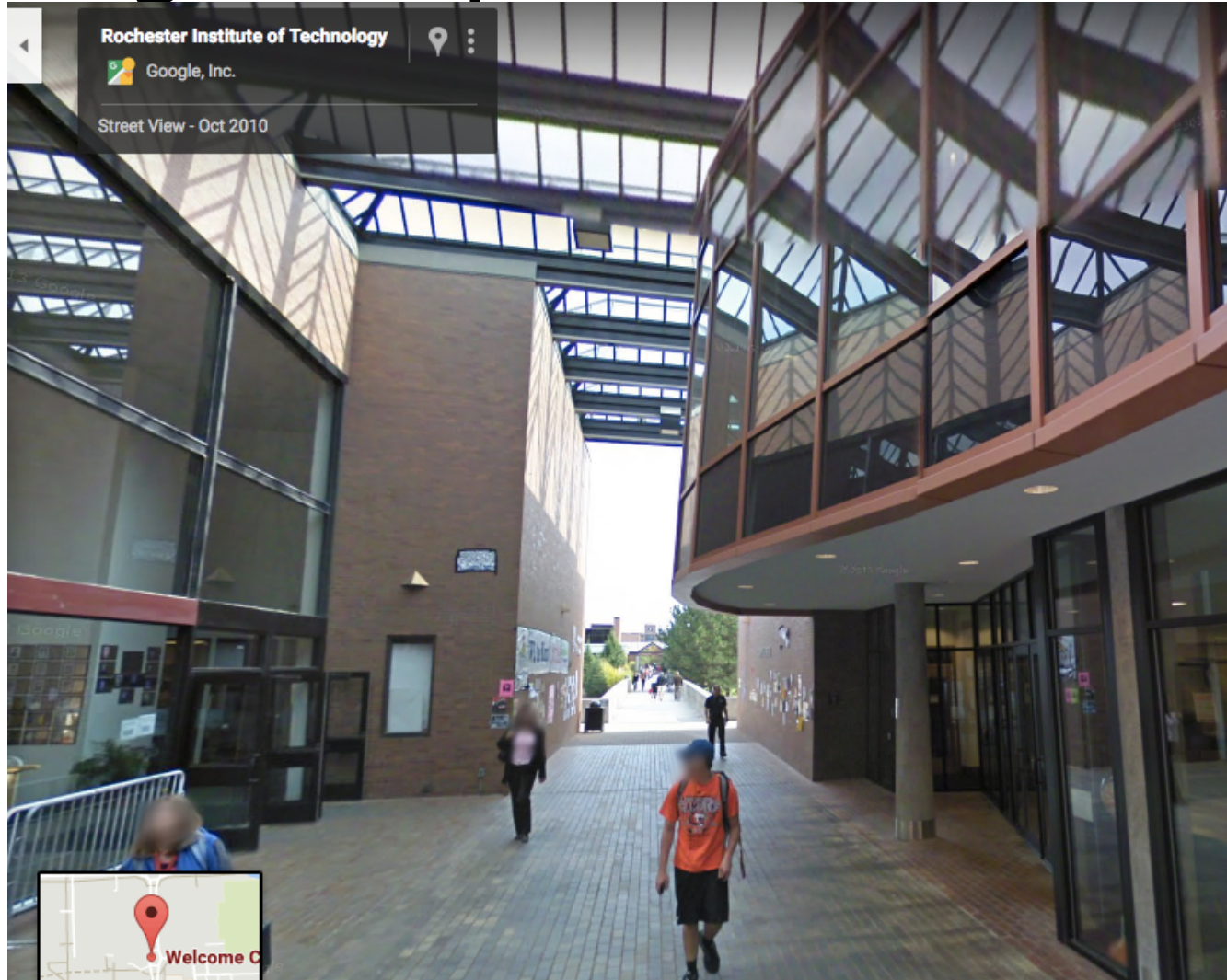
Google Maps – Street View

Two ways to shift view sideways:

➢ Click on arrow point/head of the compass icon to shift view 90° clockwise or counter clockwise (90° per click).

  ➢ Click on the center of the compass icon to orient view toward North.

➢ Hovering the cursor over image displays an arrow   . Click and hold left mouse button while dragging the mouse to the left or right.

Google Maps – Street View

How to "walk down the road":

➢Hovering the cursor over the road displays an arrow [image]. Clicking the left mouse button advances view along the road.

> ➢Distance advanced depends on how far down the road you place the cursor.

➢To jump to a different street, click a blue highlighted street in the preview window in the bottom left.

Google Maps – Street View Example

Google Maps – Street View

Street View is available throughout the world, https://support.google.com/maps/answer/68384?hl=en
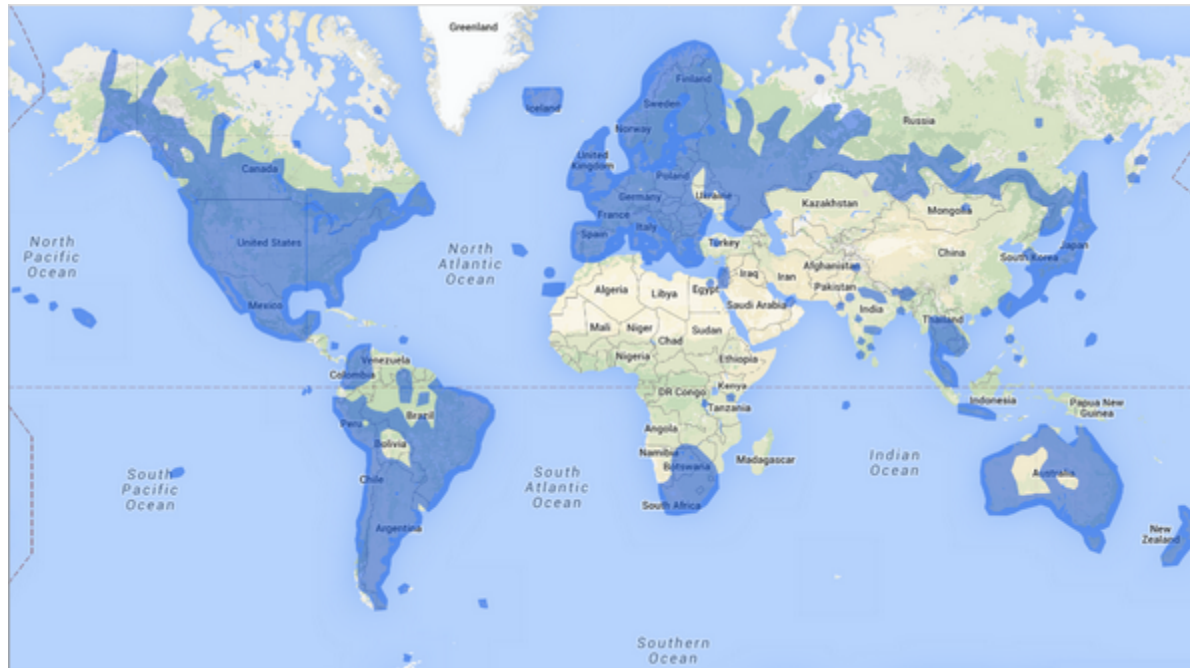
Google Maps – Mobile/Android

➢ App: Maps
➢ Source: [Google Play](#)
➢ Features:
  ➢ Maps for 220 countries and territories
  ➢ Voice-guided GPS navigation for driving, biking, and walking
  ➢ Live traffic conditions, incident reports, and automatic rerouting to find the best route
  ➢ Detailed information on more than 100 million places
  ➢ Street View and indoor imagery for restaurants, museums, and more

Google Maps – Mobile/iOS

➢ App: Google Maps

➢ Source: iTunes

➢ Features:

  ➢ Maps for 220 countries and territories

  ➢ Voice-guided GPS navigation for driving, biking, and walking

  ➢ Live traffic conditions, incident reports, and automatic rerouting to find the best route

  ➢ Detailed information on more than 100 million places

  ➢ Street View and indoor imagery for restaurants, museums, and more

Google My Maps - features
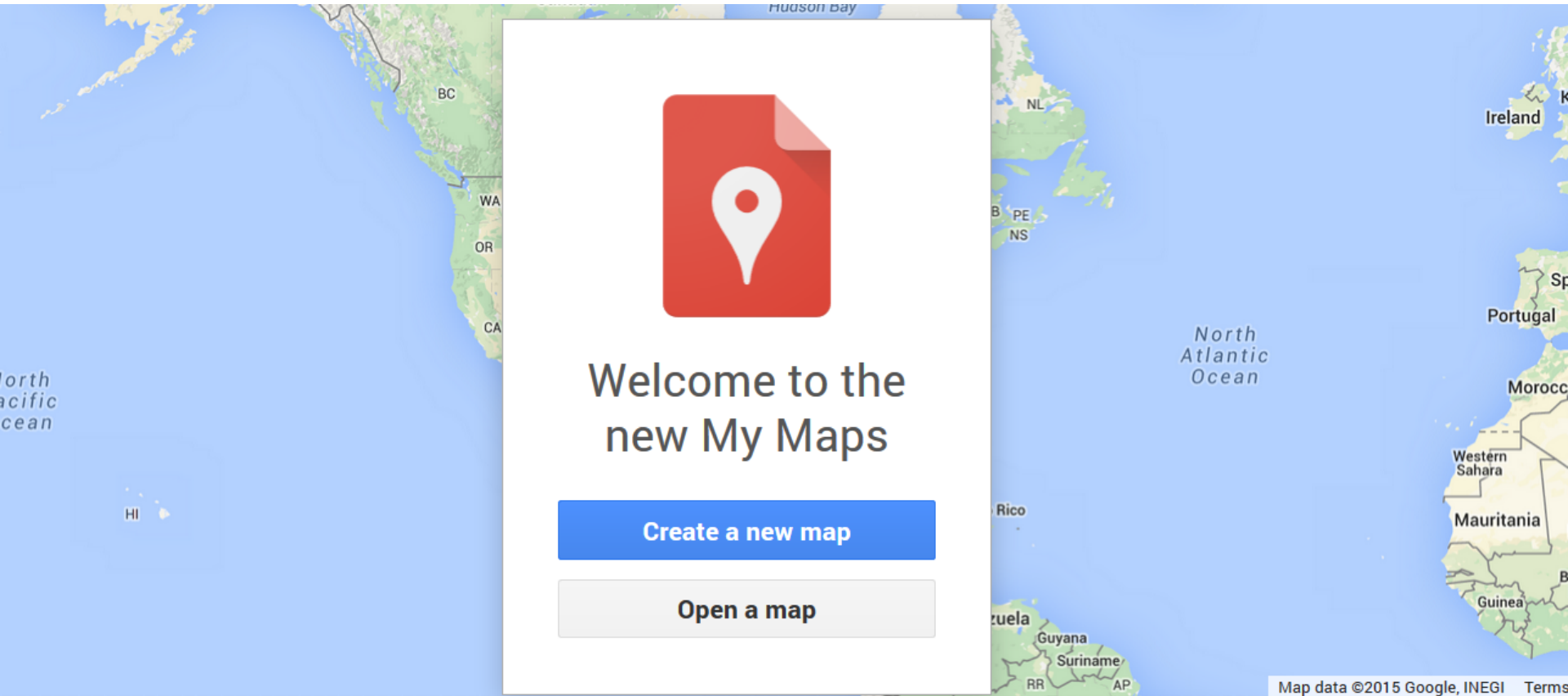
➢ Share your map like you do a Google Doc.

➢ Use different colors to make parts of your map stand out.

➢ Label your features directly on the map.

➢ Import locations from a spreadsheet.

➢ Organize your places with layers.

Google My Maps

➢Login to your Google account

   ➢To create a free google account

      ➢https://accounts.google.com/SignUp
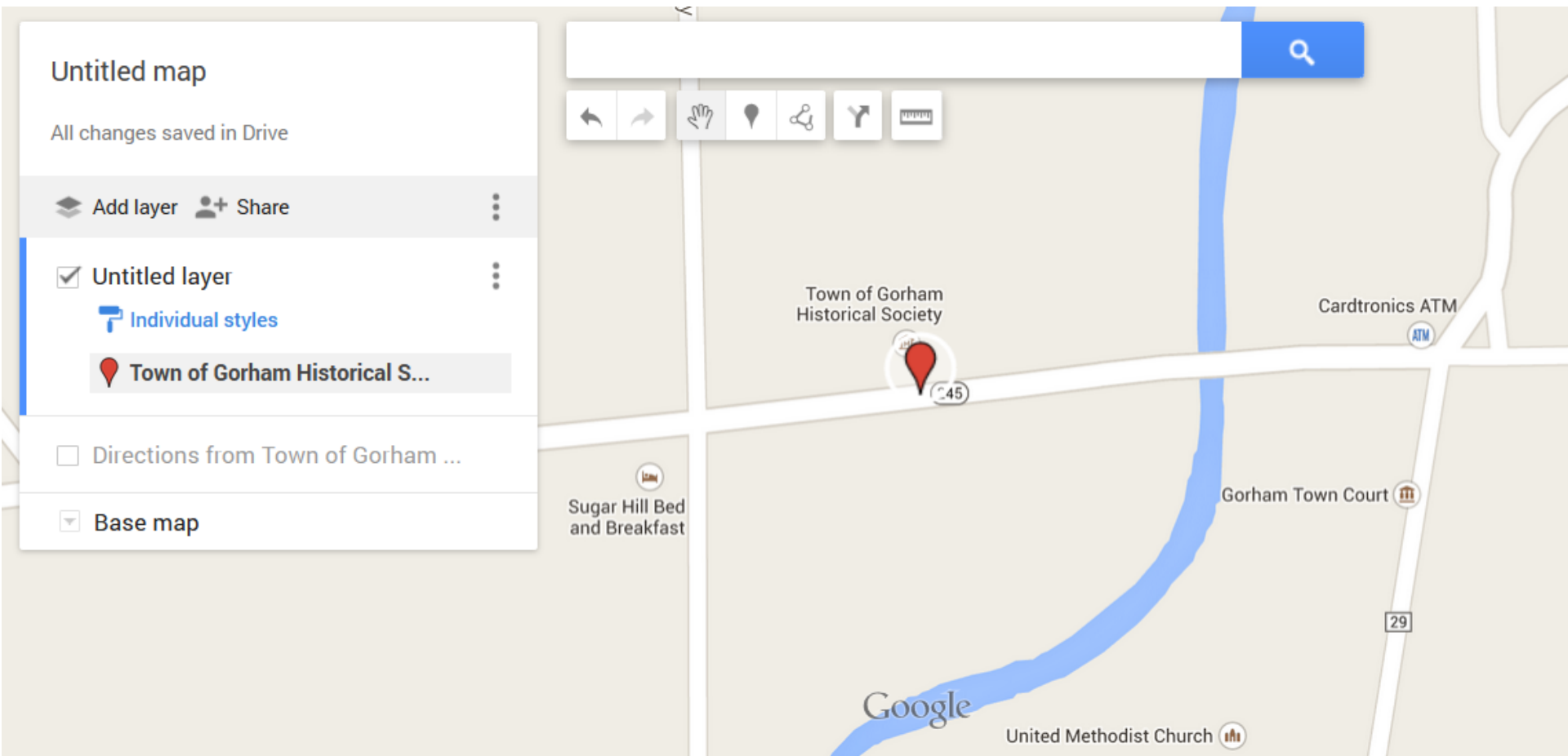
➢https://www.google.com/mymaps

Google My Maps

My Maps – Create a basic map

➢Click on **Create a new map**

➢Click on **Untitled Map**

➢Enter a title & description

➢Go to desired location

  ➢Enter a street address or GPS coordinates (ex, 42.79870, -77.14060) into the search box

  ➢Panning with the mouse

  ➢Zooming options: +/- on screen, mouse scroll wheel, mouse double clicking

My Maps – Create a basic map

My Maps – Add placemarks

➢Click on **Add Marker** (📍 pin icon)

➢Position cursor on desired location & click

➢ Enter name and description

OR

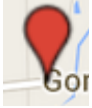➢Search for an address

➢Click on green placemark to add to map (changes color)

➢Click on the placemark, then click **Edit**

➢ Enter name and description
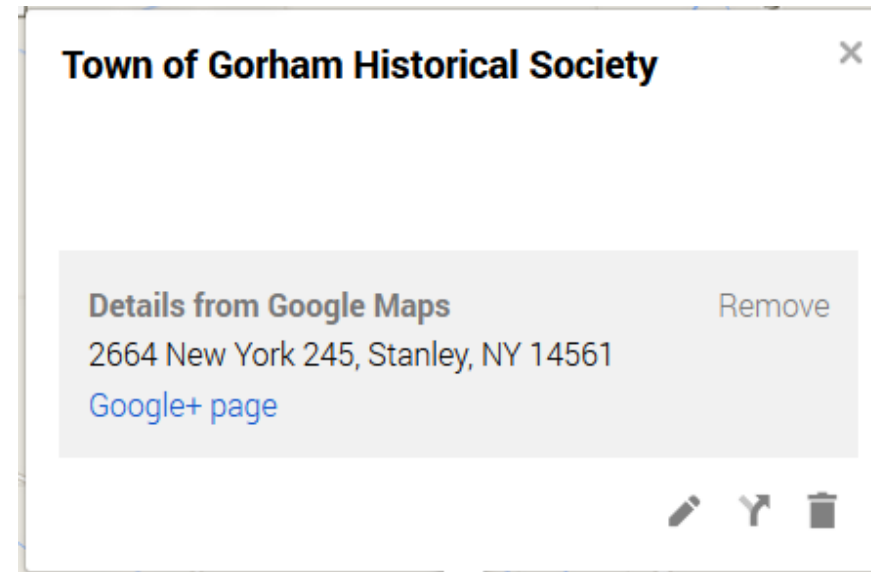
My Maps – Add placemarks

Create placemarks for locations of events in your family's history:

➢ Births
➢ Marriages
➢ Deaths
➢ Residences
➢ Ports
➢ Businesses
➢ Churches
➢ Schools
➢ Military battles or bases
➢ Others

My Maps – Modify placemarks

➢Click on placemark (   )

  ➢To request directions (   )
  ➢To delete placemark (   )

Town of Gorham Historical Society

Details from Google Maps   Remove
2664 New York 245, Stanley, NY 14561
Google+ page

➢Click on **Edit** (   )

  ➢Can modify title,
  description, and add
  photos or videos (   )

Town of Gorham Historical Society

http://www.GorhamNYHistoricalSociety.org

Details from Google Maps   Remove
2664 New York 245, Stanley, NY 14561
Google+ page

Save   Cancel

My Maps – Add lines

➢Click on **Draw a Line** (⬚ polygon icon)

➢Select from:

➢Add line or shape

➢For straight lines or shapes with straight sides

➢Add driving route

➢A line between 2 points follows streets or roads

➢Add biking route

➢Add walking route

My Maps – To add a straight line

➢ Click on **Draw a Line** (polygon icon)

➢ Select **Add line or shape**

➢ Position cursor at starting point & click

➢ Move cursor to draw the line

➢ At each turn, click once

➢ Double click to finish line

➢ To adjust a line segment, position cursor over circle on line segment & drag

➢ To give a line a name and description, click on the line & click **Edit**

My Maps – To add a straight line
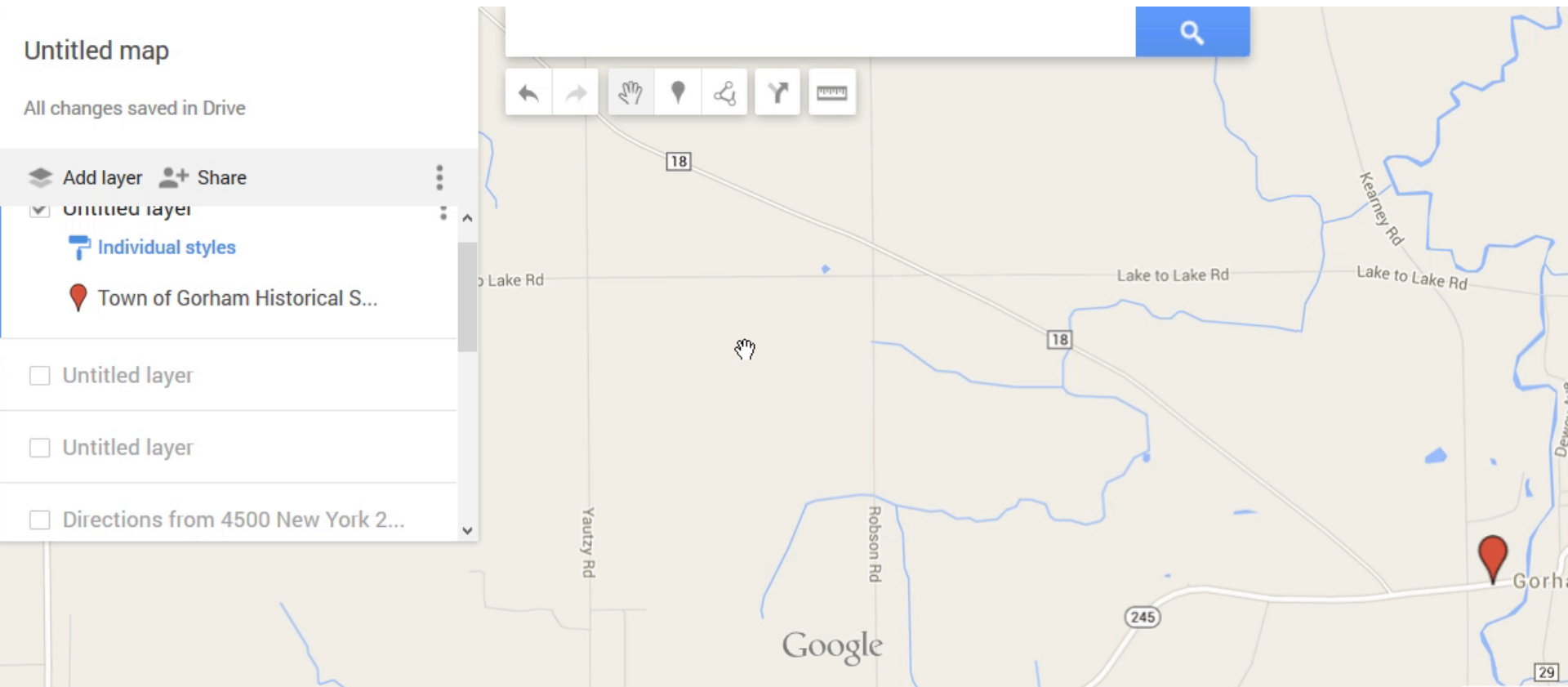
My Maps – To add a shape
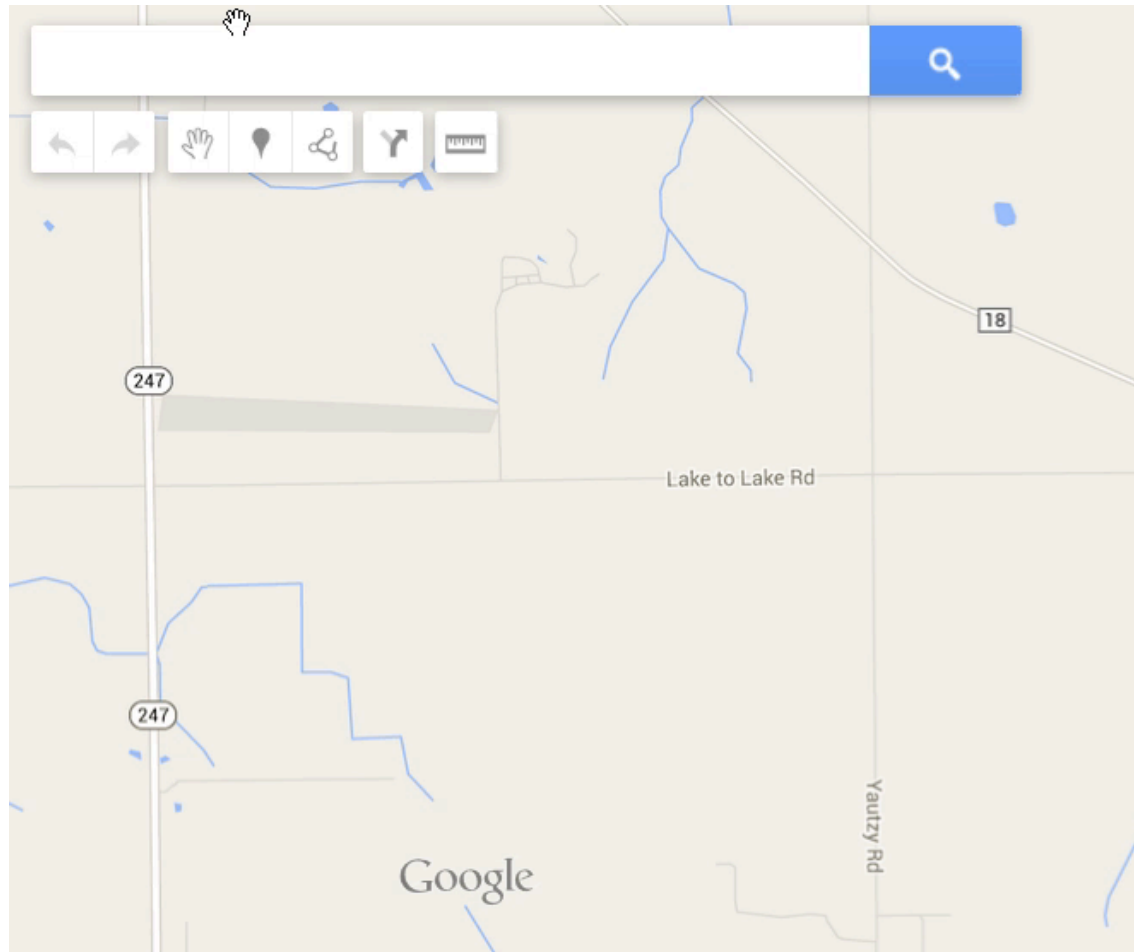
My Maps – Customize Objects

➢Click on the object listed in the panel on the left

📍 Town of Gorham Historical S...

➢Click on the paint bucket icon

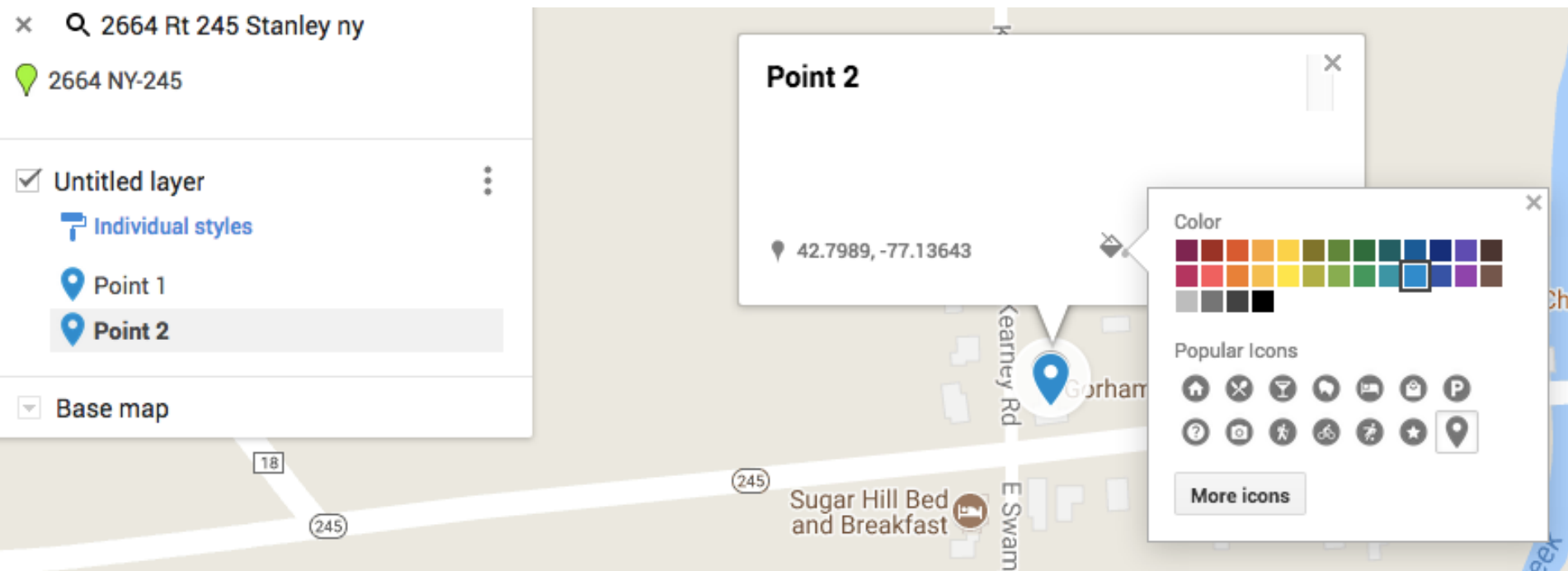 ➢Choose colors & shapes for placemarks

      ➢Ready-made or custom

  ➢Choose colors & widths for lines

  ➢Choose color, transparency, & border width for shapes

My Maps – Customize Objects
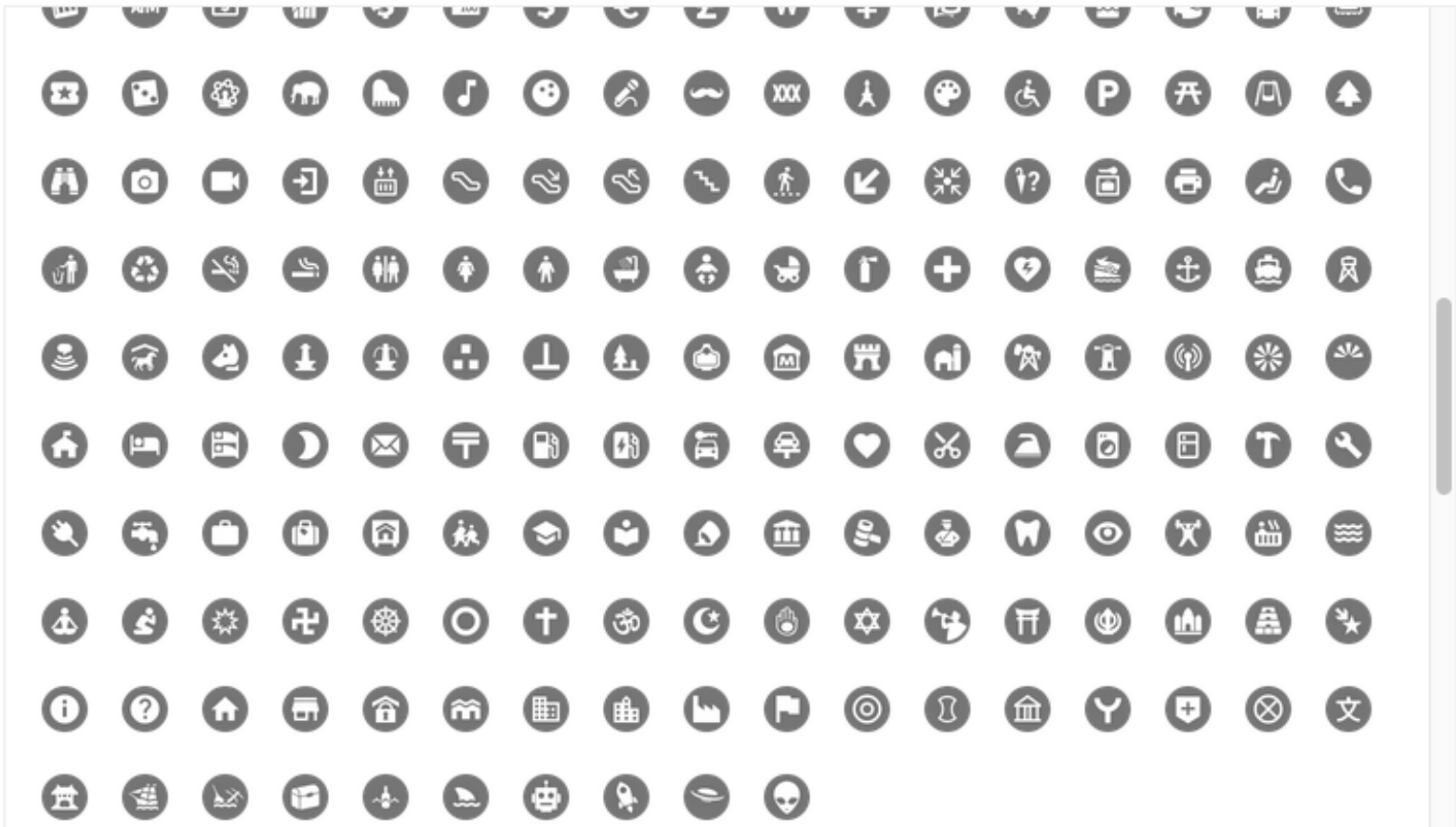
My Maps – Customize Objects

My Maps – Add Photos or Videos

➢Click on the placemarker to be modified

➢Click on **Edit** (pencil icon)

➢Click the camera icon

➢Enter photo or video URL or search

➢Click **Save**

My Maps – Base Map

➤A Base Map is the map provided by My Maps (without any of your customizations)

➤Using the Base Map, you add custom objects in 1 or more "Layers"

➤Choose 1 of the 9 styles for your Base Map which include default, satellite, and terrain (topo)

  ➤Scroll to the bottom of the panel on the left

  ➤Click the drop-down arrow left of "Base Map"

  ➤Click on any of the 9 thumbnails of styles

My Maps – Layers

➢By default, all of your custom objects will be created in 1 layer (you don't have to think about layers)

➢However you can create multiple layers to separate different categories of objects which can be viewed together or independently

➢Examples of possible layers: Family A, Family B, churches, schools, property boundaries, generations, etc

My Maps – Layers

➢In panel on the left

➢Click on **Add Layer**

➢Double click on **Untitled Layer** & edit the name

➢Check the box next to your layer

➢While layer is checked, new objects are part of that layer

My Maps – Add Labels

➢On the panel on the left, select the layer for which you want to display labels

➢Click on **Individual styles**

➢Under **Set labels**, click arrows for drop-down menu

   ➢Click on **Name**

      ➢The title of all objects of the layer will be displayed on the map

   ➢Click on **No labels**

      ➢No labels will be displayed for all objects of the layer

My Maps – Add Labels
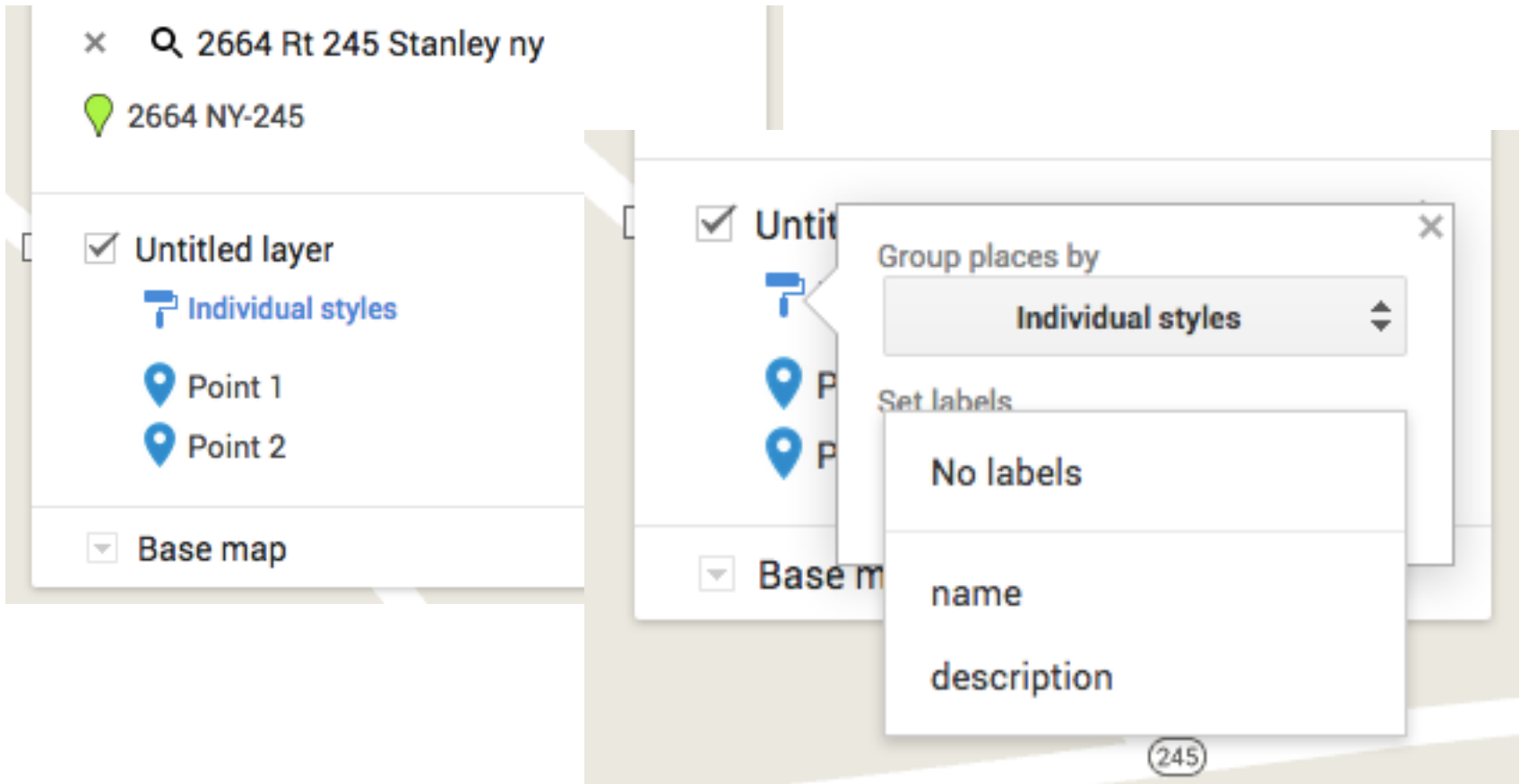
My Maps –
Import Spreadsheet Data

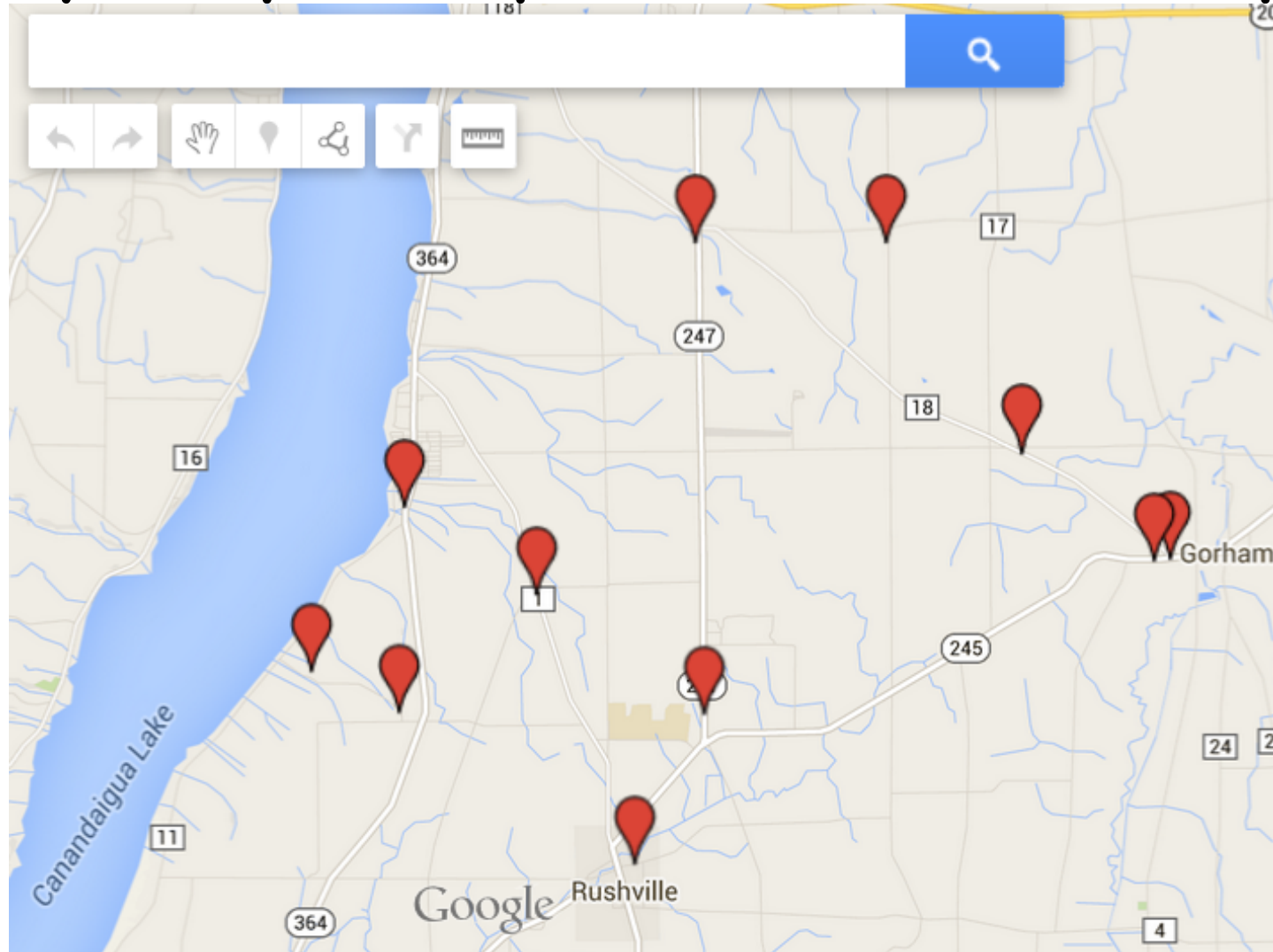➢Add a layer or choose an empty layer

➢Click on **Import**

➢Choose the spreadsheet or CSV file to be imported

➢Choose column containing addresses

➢Choose column containing placemark title
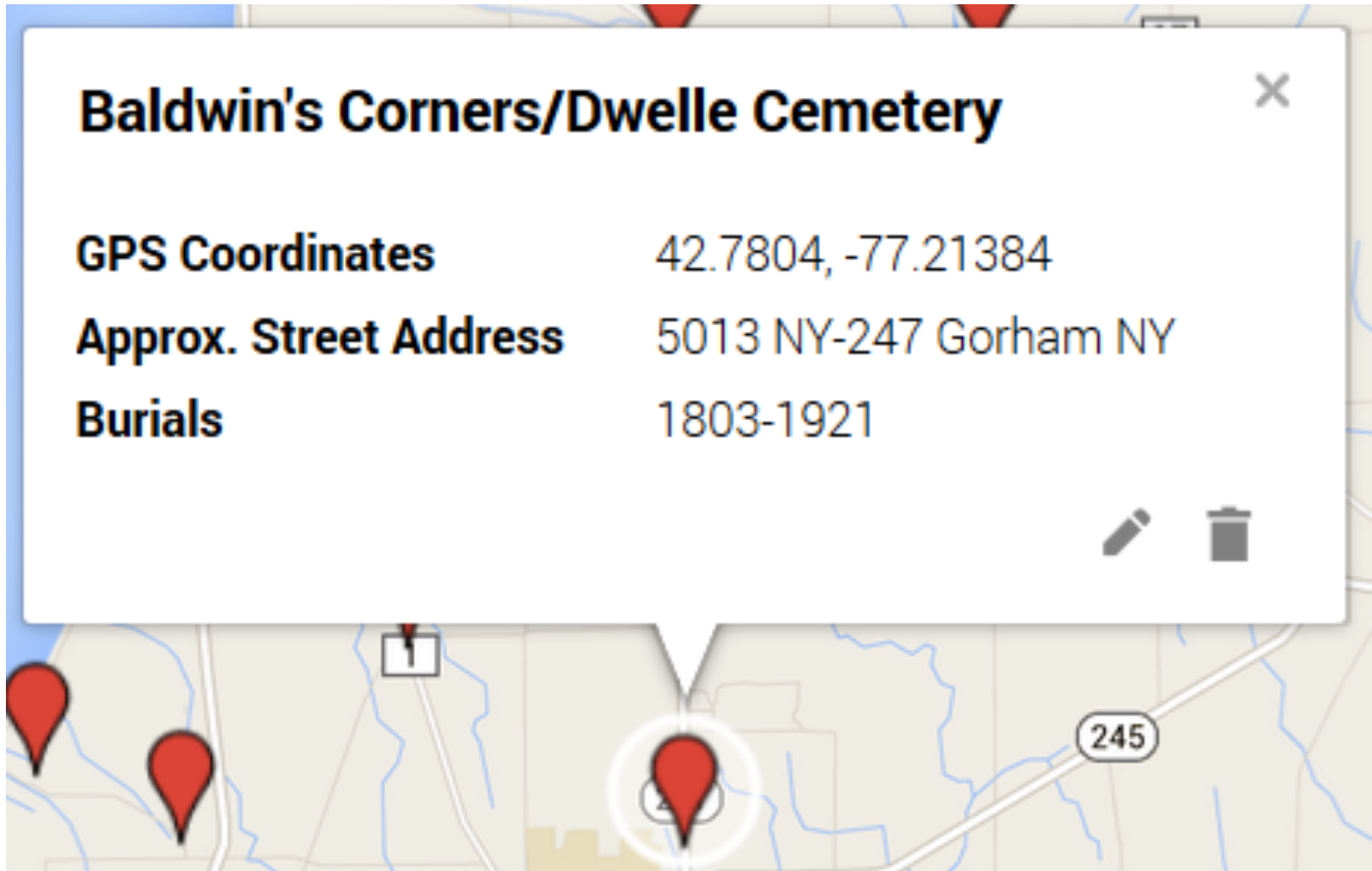
My Maps – Spreadsheet Example

Cemeteries of the Town of Gorham

Title	GPS Coordinates	Approx. Street Address	Burials
Pioneer Cemetery	42.79840, -77.14064	2790 NY-245 Gorham, NY	1812-1905
Babbit/Lewis/Presbyterian Cemetery	42.83457, -77.18504	4117 Yautzy Rd Gorham NY	1832-1863
Baldwin's Corners/Dwelle Cemetery	42.78040, -77.21384	5013 NY-247 Gorham NY	1803-1921
Cole Cemetery	42.80428, -77.26057	4631 E Lake Rd Rushville NY	1825-1825
Gorham Cemetery	42.79823, -77.14319	2840 NY-245 Gorham NY	1856-Currently Active
Lord/Hawley Cemetery	42.78067, -77.26157	5030 Jones Rd Rushville NY	1811-1903
Pickett/Denham Cemetery	42.81053, -77.16406	3169 Co Rd 18 Gorham NY	1833-1861
Washburn/Conklin Cemetery	42.79423, -77.24007	4825 Co Rd 1 Rushville NY	1821-1919
Rushville Cemetery	42.76312, -77.22465	9 Castle St Rushville NY	1871-Currently Active
Reed Corners Cemetery	42.83470, -77.21510	4060 NY-247 Gorham NY	1804-Currently Active
Canandaigua Lakeview Cemetery	42.78531, -77.27537	4844 Jones Rd, Rushville, NY	1996-Currently Active

My Maps – Spreadsheet Example

My Maps – Spreadsheet Example

Baldwin's Corners/Dwelle Cemetery

GPS Coordinates	42.7804, -77.21384
Approx. Street Address	5013 NY-247 Gorham NY
Burials	1803-1921

Sidebar –
Spreadsheets on the Cheap

➢[LibreOffice](#), [Google Docs](#)

➢Create a CSV file in a text editor

   ➢CSV stands for Comma Separated Values

   ➢Example:

      Pioneer Cemetery,2700 Rt 245,Gorham NY

      New Gorham Cemetery,2800 Rt 245,Gorham NY

   ➢Save file

   ➢Rename file to .csv (turn on display of file extensions)

Sidebar –
Sources of Address

➢House number & street name:
  ➢US Census 1880 – 1940
  ➢NY State Census 1905 – 1925
  ➢City Directories
  ➢Others: death notices, civil registrations, probate files, …
  ➢In Google Maps (not My Maps), click desired location to yield street address (& gps)
  ➢http://www.gps-coordinates.net/ can convert gps to street address and vice versa

My Maps – Sharing

➢By default, My Maps are only viewable by owner

➢To share (base map plus selected layers)

  ➢Click on **Share** in the panel on the left

  ➢At **Invite people:**, enter email addresses of recipients & click **Done**
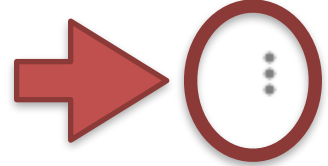
  OR

  ➢Post to social media by selecting icon

  ➢Select visibility options – **Who has access**

My Maps – Printing

➢In the panel on the left click on the mymap options icon:

Untitled map

All changes saved in Drive

≋ Add layer ≗+ Share ◉ Preview

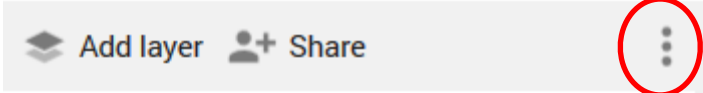✕ Q 2664 Rt 245 Gorham NY

📍 2664 NY-245

➢Click **Print Map**

➢Select settings and click **Print**

☑ Untitled layer

⬆ Import

Add places to this layer by drawing or
importing data. Learn more

▽ Base map

My Maps – Embed on a website

➢ Click on **Share** in the panel on the left

➢ Change **Who has access** to **Public on the web** & click **Save**

➢ Click **Done**

➢ Click on map icon,   ⬥ Add layer   ➕ Share   ⋮

➢ Click on **Embed on my site**

➢ Copy the code & paste into your webpage source code

My Maps – Export to KML

➢ KML – Keyhole Markup Language. A file standard for interchange of map data. (Similar to the way GEDCOM is a file standard for the interchange of genealogical data.)

➢ Click on map icon,

➢ Click on **Export to KML**

➢ Choose single layer or entire map

➢ Click **Download** & where to save file

➢ You can also import KML files into My Maps, see https://support.google.com/mymaps/answer/3024937
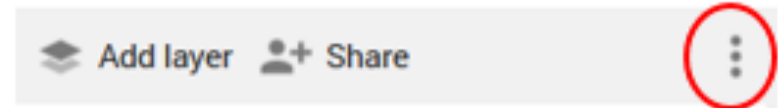
My Maps – Mobile/Android

➢App: My Maps

➢Source: [Google Play](#)

➢Features:

  ➢Create your own custom maps

  ➢Also work with your maps on the web at http://www.google.com/maps/d/

  ➢To learn how to get started using the app, visit https://support.google.com/mymaps/go/mobile

My Maps – Mobile/iOS

➢ App: My Maps for Google Maps™ and Uber

➢ Source: iTunes

➢ Features:

My Maps brings Apple and Google Maps™ with Directions, Street View, Uber, and Weather to your iOS Devices.

My Maps –
An Example:
maps.google.com/gallery

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