

## CREATING A GOOGLE FUSION GIS MAP

*Created by Mark Terry, October, 2018.*

1. Sign-in to your Google Drive account
2. Go to <https://fusiontables.google.com/>
3. Select blue button: "Create a Fusion Table"
4. Select: "Create Empty Table"
5. Click on "New Table" at the top of your screen – change the name to your project's name. You can add a description and other defining data here.
6. Select "Edit" → Change Columns. This will be your only opportunity to add more columns. Once you start adding data, you won't be able to add extra columns.
7. You can also change the name of the columns here.
8. In defining your columns always select "Text" under "Type". The one exception is "Location". For this, select "Location" as the "Type".
9. If you intend to add Links to one or more of your columns, you must define these columns as "Links" so the links you enter will be hyper on your map. Select "New" → Name your Column → Select "Type" → Select "Text" → Select "Format" → Select "Link" → Save
10. If you intend to add Video to your map, you need to first change the column name. Select "Edit" → "Change Column" → Click on "Number" (or create a New Column) → Change column name to "Video" → Change "Type" to "Text" → Save.
11. To start adding data, select "Edit" → "Add Row"
12. The first data you want to add is "Location".
13. To source Location data, go to Google and type in the name of the city, place (like York University) or an address and add the words "Long and Lat" to your search. The first thing you will see is a box with the longitude and latitude coordinates of the place. Copy these numbers and paste them in your Location column.

14. To source Video code, go to YouTube or Vimeo (the only sources Fusion allows for adding video to your map). Select any video. Under the viewing screen, select "Share" → Select "Embed" → Copy the code displayed → Go back to Google Fusion → Select "Edit" → Select "Add row" → Paste the code in your "Video" column → Save.
15. To view your Pin on your map, you need to first select "File" → Select "Create View" → Select "Create" → Select "Map of Location" to see your Pin.
16. The default Pin is a little red dot. If you wish to change this, select "Tools" → Select "Change Map" → "Feature Map" → Select "Change Feature Styles" → Under "Use One Icon" the pull-down menu reveals a selection of Pin styles → Select one → Save
17. When you click on your Pin on your map, a window will pop up displaying a thumbnail of your video and the other data you entered above and below.
18. There are two ways of Exporting your completed map: By Link and by Embed Code.
19. To access this data, Select "Tools" → Select "Publish". The first data you see is a link titled "Send a link in email or IM". Copy and paste this in an email, on Facebook, etc. The second data you see is the HTML embed code titled "Paste HTML to embed in a website". Copy this and paste it in the HTML code of a website for it to appear on a webpage.
20. Important Note: You cannot download this map to your computer or to anywhere external. It will forever reside on your Google Drive only, until Google takes Fusion out of beta mode and releases it to the public. By then, there will probably be a fee attached, but for now, it's free. You are the only one who can make changes to the map since it resides only on YOUR Google drive. The only ways to export the map are by link and embed code.

**For Google Fusion project consultation and in-class presentations, contact Mark Terry at [terrma@yorku.ca](mailto:terrma@yorku.ca) or by phone or text at 416-899-5855.**