WEEK 2

Read this weeks notes BEFORE continuing the project

This week is about continuing adding to add information to your Google Earth Genealogy Project. Did you realize you can download digital historical maps and import them into Google Earth? All through my first few books we constantly overlaid old maps (we had them re-printed on transparencies) on top of modern ones to get a sense of what was there "then and now" for comparison – todays lesson is the digital version of overlaying an old map on top of a newer one for comparison.

This is where it can get REALLY exciting in combining your genealogical research with Google Earth. With Google Earth and using what is called *georeferencing* to adjust the digitized historical map to layer the historic map over a modern map (thank you Google Earth satellite imaging). What this means for you is that you'll be able to lay an old map (one of my favorites to have you start out with would be an easily available Sanborn Fire Insurance Map) over a modern map, stretch it to FIT and toggle it on/off to see how things have changed.

Once you locate an older map that has been digitized then you want to see if it is in the file format that Google Earth will need. You are looking for files with the extension **.kml** or **.kmz   KML/MKZ files** contain latitude and longitude coordinates and 3D model data. These files can be opened by Google Earth or unzipped with a compression utility like WinZip or MacZip.
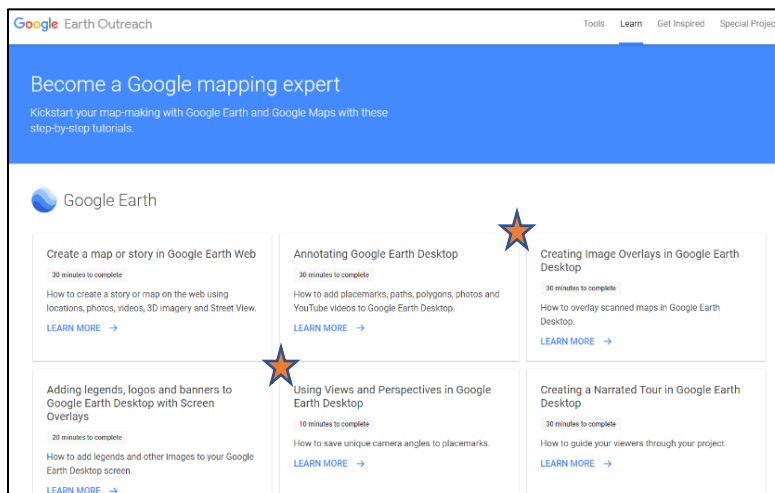
Your recommended tutorials for this week are:

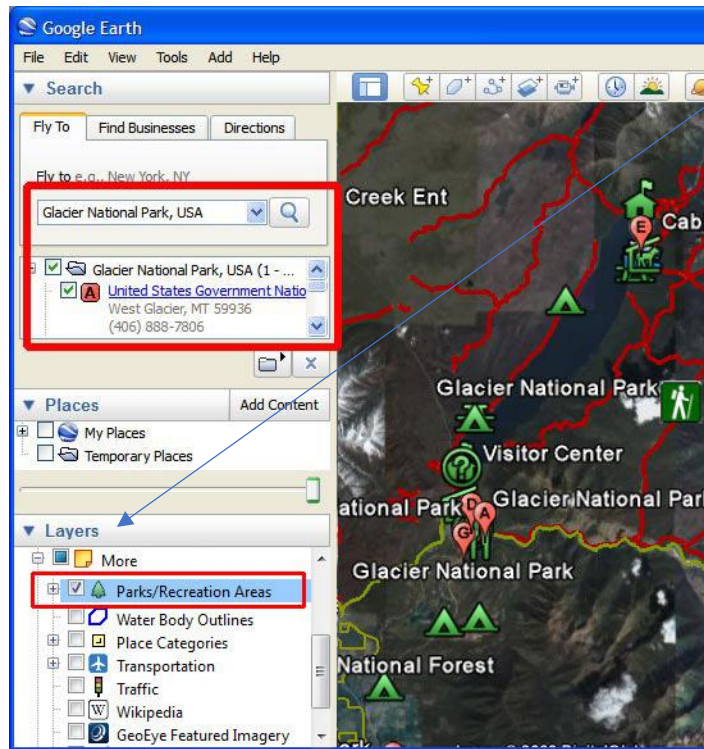Once again, go to **Google Earth Outreach**

Note: today, you need to Download Google Earth Pro (Free) like I did while watching the tutorial #1 just below (so that you can access the **Layers Palette**)

> **Tutorials:**
> 1. **Creating Image Overlays in Google Earth Desktop** (30 mins to complete) ⭐
> 2. <u>Skip</u> the tutorial Adding Legends, logos and banners to Google Earth Desktop with Screen Overlays unless you want to learn how to "code" html. Skip! Following the next 3 images below, you will find the next tutorial I do want you to do.

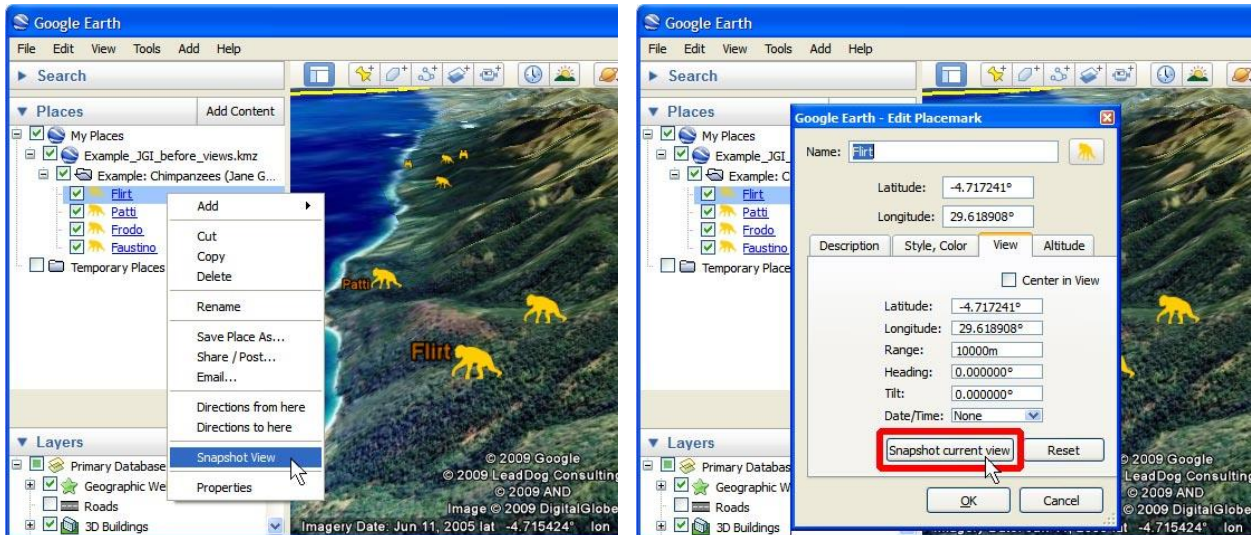Once I installed and opened Google Earth Pro, I was able to see the LAYERS

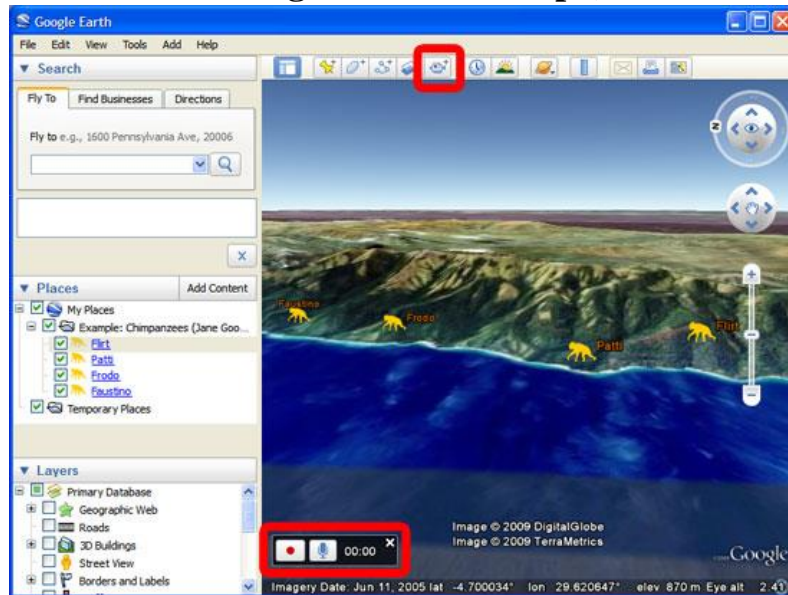My toolbar was at the top of my screen:

3. **Tutorial: Using Views and Perspectives in Google Earth Desktop (10 mins to complete)**

This are examples of Snapshot Views:

These last few Tutorials are wonderful for those who want to develop the family
Google Earth Project even more…

4. **Creating a Narrated Tour in Google Earth Desktop (30 mins to complete)**

5. **Packaging Content in a KMZ file (10 mins to complete)**
KMZ files are very similar to ZIP files. They allow you to package multiple files
together, and they compress the contents to make downloading faster. This allows you
to bundle images along with your KML file if you want.

This little tutorial will be especially important if you want to save JPEG images (a pic
of a headstone for example) in your KMZ file.

6. **Storytelling with maps using Tour Builder (60 mins to complete)**

NEXT is a page to print out of wonderful Google Earth Shortcuts:

Use keyboard shortcuts to navigate in Google Earth

Below you'll find a list of keyboard and mouse shortcuts to navigate in the 3D viewer. Learn more about navigating in Google Earth.

Tip: To move more slowly, hold down **Alt**, then do the keyboard shortcut.

Action	Shortcut (Windows & Linux)	Shortcut (Mac)
Move left	Left arrow	Left arrow
Move right	Right arrow	Right arrow
Move up	Up arrow	Up arrow
Move down	Down arrow	Down arrow
Rotate clockwise	Shift + Left arrow	Shift + Left arrow
Rotate counter-clockwise	Shift + Right arrow	Shift + Right arrow
Tilt up	Shift then click and drag down	Shift + Down arrow
Tilt down	Shift + Up arrow Shift then click and drag up	Shift + Up arrow
See first-person perspective	Ctrl then click and drag	⌘ then click and drag
Zoom in	+	+
Zoom out	-	-
Zoom plus automatic tilt	Right-click and drag up or down	Ctrl then click and drag up or down
Stop current motion	Spacebar	Spacebar
Reset to north-up view	n	n
Reset to top-down tilt	u	u
Center Earth	r	r
Show/hide Overview window	Ctrl + m	⌥⇧⌘ + m

Working with KML/KMZ file formats:

Try this

1. Log in to Google My Maps
2. Select and open the map you want to **export**
3. To the right of the map's title, click on the icon: Three Vertical Dots
4. Select: **Export to KML/KMZ**
5. Under the heading, Export to KML/KMZ, click on the drop down menu and locate "Entire Map"
6. Select which layer you want to **export.**