

Google Earth:  
Put the World  
in Your Hand



NECC Model Lesson  
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# Google Earth and the Seven New Wonders

## Introduction (5-10 Minutes)

**Grade 5 Geography Target:** Use basic map elements to answer geographic questions.

**Lesson Description:** Visit each of our locations on GoogleEarth and with your team develop three geographic questions that you would like others to be able to answer about our places.

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**Grade 6 Science Target:** Make observations. Based on these observations, ask questions or form hypotheses, which can be explored through simple investigations.

**Lesson Description:** Compare the areas of Atlanta, Plains and Savannah using our GIS software. Form questions about what makes these areas different and similar.

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**Grade 7 Writing Target:** State a clear purpose and provide evidence to support arguments and conclusions.

**Lesson Description:** Select one of our locations and using the information you have learned in your journeys, write a persuasive piece about why people should visit.

## Lesson (20-30 Minutes)

**Lesson Description:** On 7/7/07, seven New Wonders of the World were named after an extensive campaign and over 100,000,000 votes. Your job today is to explore the 7 and select your favorite photograph of the wonder. We will be adding placemarks and links to your selection.

## Discussion (10-15 Minutes)

## Q and A (5-10 Minutes)

### Resources

#### GoogleEarth

Download: <http://earth.google.com/download-earth.html>

Other: <http://www.flashearth.com>

Lessons: <http://www.gelessons.com/lessons>

[http://www.google.com/educators/p\\_earth.html](http://www.google.com/educators/p_earth.html)

<http://www.juicygeography.co.uk/googleearth.htm>

How To: <http://earth.google.com/tour>

<http://www.googletouring.com/create.php>

#### Presentation Website

[http://www.beavton.k12.or.us/ed\\_links/presentations/index.html](http://www.beavton.k12.or.us/ed_links/presentations/index.html)

#### Presenter Contacts:

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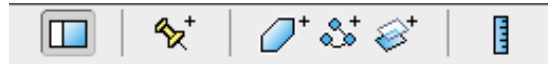
## Can You Pick Out the Winning Seven?

- The Pyramid at Chichén Itzá (before 800 A.D.) Yucatan Peninsula, Mexico
- Christ Redeemer (1931) Rio de Janeiro, Brazil
- The Roman Colosseum (70 - 82 A.D.) Rome, Italy
- The Great Wall of China (220 B.C and 1368 - 1644 A.D.) China
- Machu Picchu (1460-1470), Peru
- Petra (9 B.C. - 40 A.D.), Jordan
- The Taj Mahal (1630 A.D.) Agra, India
- The Acropolis of Athens (450 - 330 B.C.) Athens, Greece
- Alhambra (12th century) Granada, Spain
- Angkor (12th century) Cambodia
- Statues of Easter Island (10th - 16th Century) Easter Island, Chile
- The Eiffel Tower (1887 - 89) Paris, France
- The Hagia Sophia (532 - 537 A.D.) Istanbul, Turkey
- Kiyomizu Temple (749 - 1855) Kyoto, Japan
- The Kremlin and Red Square (1156 - 1850) Moscow, Russia
- Neuschwanstein Castle (1869 -1884) Schwangau, Germany
- The Pyramids of Giza (2600 - 2500 B.C) Egypt
- The Statue of Liberty (1886) New York City, U.S.A.
- Stonehenge (3000 B.C. - 1600 B.C.) Amesbury, United Kingdom
- Sydney Opera House (1954 - 73) Sydney, Australia
- Timbuktu (12th century) Mali

# Steps for Creating Google Earth Placemarks

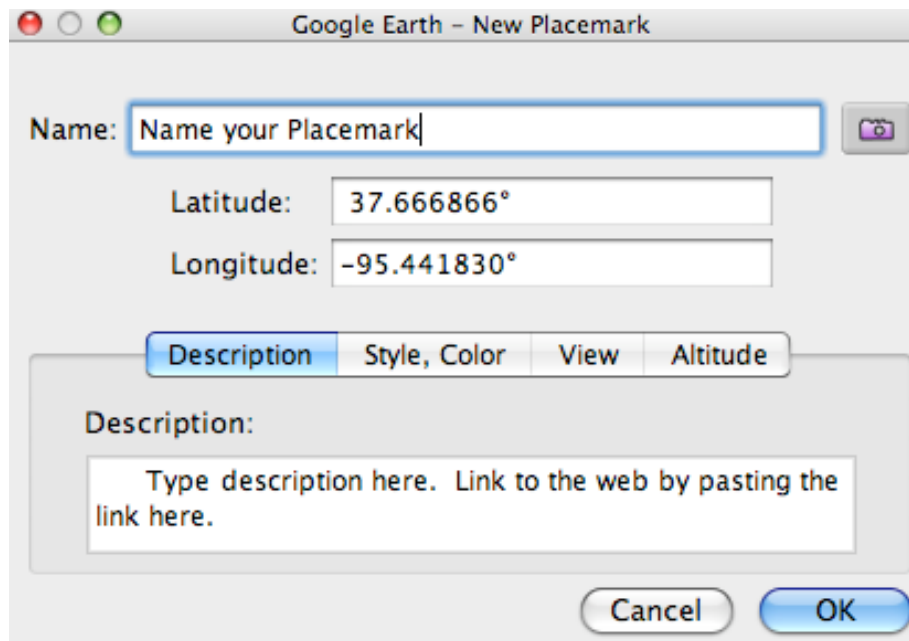
1. Navigate to the location you would like the placemark.

2. Click the push pin on the top tool bar.



3. This will drop a yellow push pin onto your map. It will open a window that will allow you to control the way your placemark works.

## On the Description Tab:

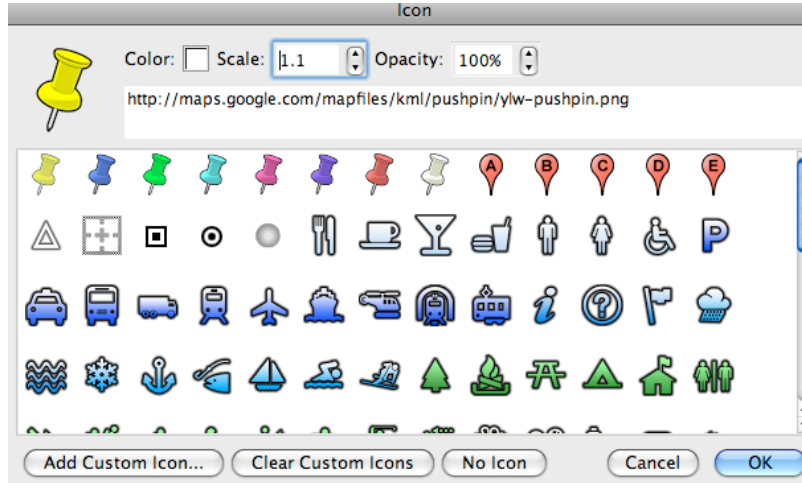


1. Name your placemark.
2. Fill in the description box. Type the information you would like included about your placemark. This can include a hot link to a web page. This information is typed exactly as it appears in a browser (<http://www.panoramio.com/user/1202395>). If you want the picture appear in the popout, you will need to use this kind of a format:

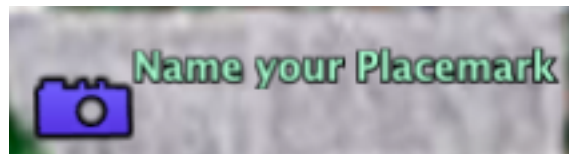
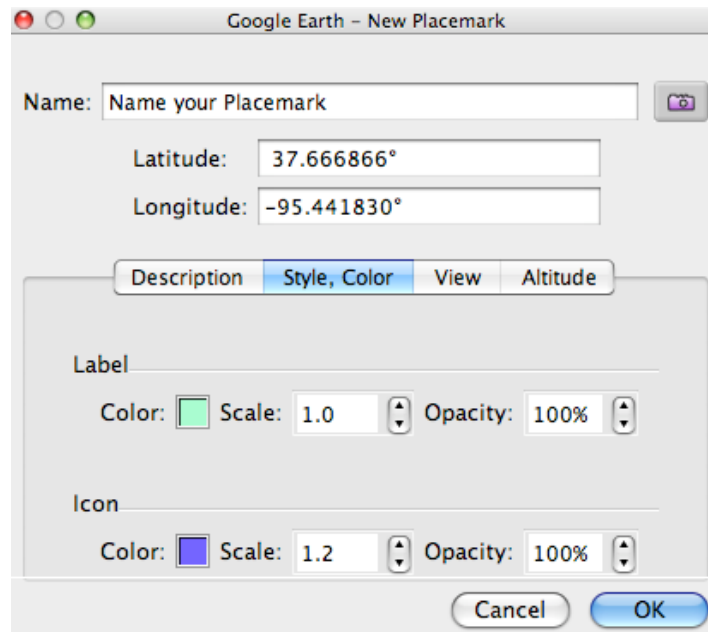
On a Mac: ``

On a PC: ``

3. Select a custom icon, if desired. To do this, click the icon to the right of the name. You will get the following window. You can select the icon of your choice.

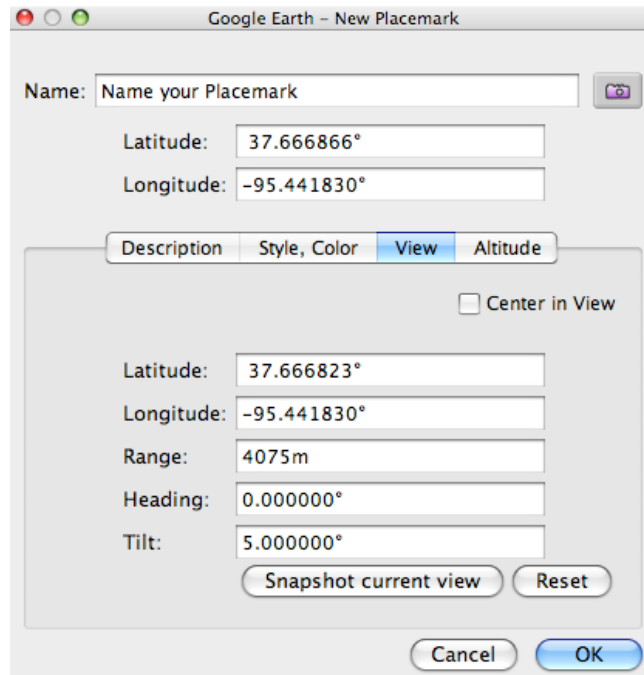


**On the Style, Color Tab:**



1. Change the color/size/opacity of the label
2. Change the color/size/opacity of the icon

## On the View Tab:

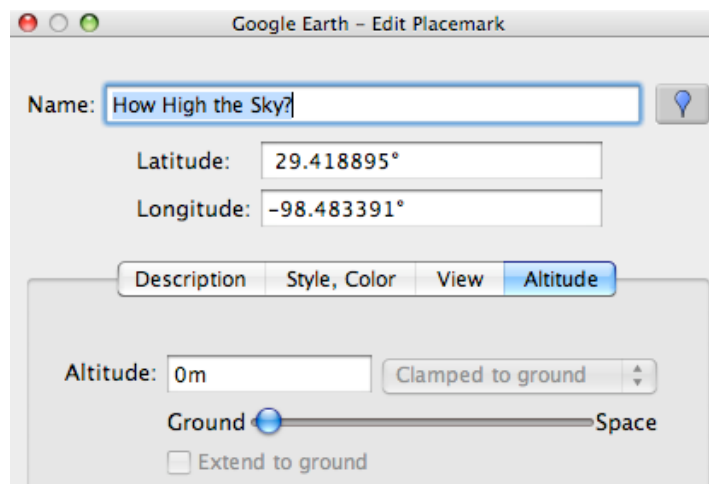


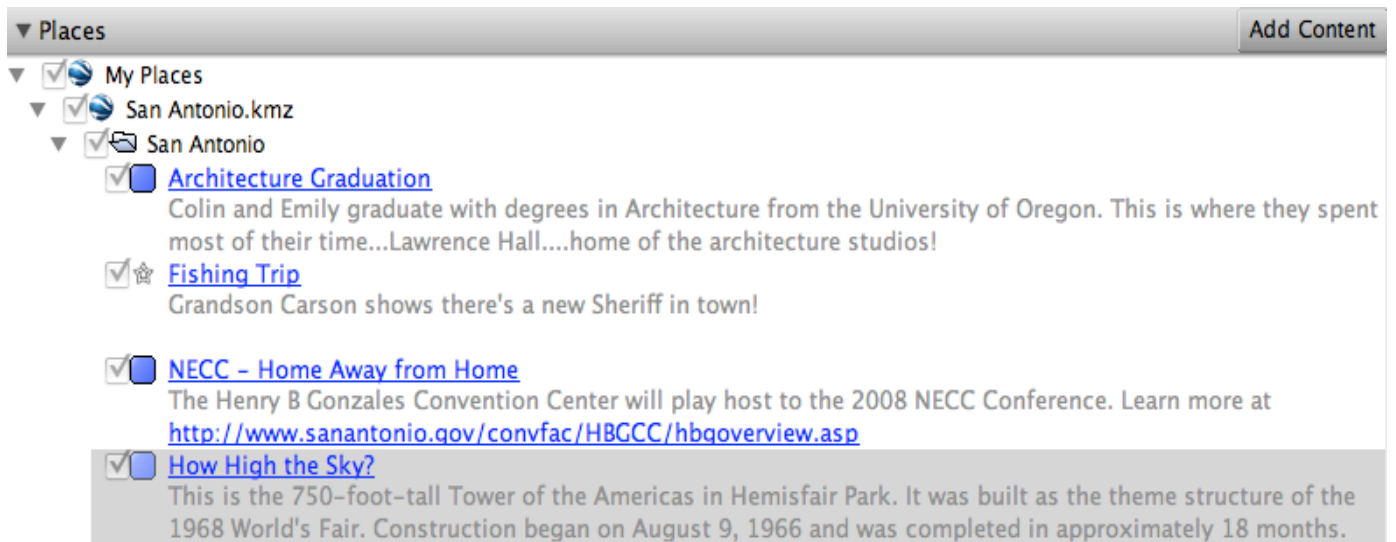
1. Change the longitude and latitude.
2. Change the height/heading/tilt.

All of these change can be made by getting the placemark just as you want it using your controls and then clicking the Snapshot current view button. This will automatically make all the changes you want.

## On the Altitude Tab:

You can determine how your placemarks behave as you travel between them in the play mode. Most of the time the preset will be fine.





1. Create placemarks for all the desired locations. (directions attached)
2. Click on the Places Folder in the middle window to highlight and activate.
3. Go to the **Add** menu and select *Folder*.
4. Give the new folder an appropriate name.
5. Add the desired placemarks to the folder by dragging them into it.
6. Make sure they are in the desired order by dragging to reorder them.
7. When they are in the correct order, click on the folder holding all your placemarks.
8. Go to the **File** menu and select *Save* → *Save Place As*
9. Select the location you would like to save the document in and give it a name. Be sure to maintain the .kmz extension. The .kmz is a zipped .kml file.

This file can now be shared through a shared server space, flash drive, a web page email or any other way file sharing can happen.