

FIVE THEMES OF GEOGRAPHY

Google Earth Activity:

5 Themes Overview	
1. Location	<ul style="list-style-type: none"> ▪ <u>Absolute Location</u>: an exact spot on the earth (latitude, and longitude) ▪ <u>Relative Location</u>: one place in relationship to another (White Hall is near Chipotle)
2. Place	<ul style="list-style-type: none"> ▪ <u>Physical</u>: climate, landforms, bodies of water, plant animal life (earth's landforms) ▪ <u>Cultural</u>: cities and towns, governments, religion, education, language, and traditions (human characteristics)
3. Region	<ul style="list-style-type: none"> ▪ Group of places that have physical/cultural features in common. They allow us to make spatial generalizations.
4. Movement	<ul style="list-style-type: none"> ▪ People, goods and ideas move from one place to another (immigration and/or diffusion)
5. Human Environment Interaction	<ul style="list-style-type: none"> ▪ <u>Adaptation</u>: jobs, building homes, clothing, and sports ▪ <u>Interaction</u>: people depend on, adapt to, and modify the world around them. ▪ This theme is about how people and their environment interact, how geography influences the lives of people, and how people alter their geography to meet their needs.

Step 1: Open Google Earth

- Remember you will need to turn on and off the “layers” as we navigate google earth. You will find that sometimes they are very helpful and other times distracting.

Step 2: Location

- Absolute:
 - Locate the search panel in the upper, left hand corner of your screen. Make sure that the “Fly to” button is highlighted.
 - Type in “Sears Tower” to fly to what is now known as the Willis Tower in Chicago.
 - What are the exact coordinates (latitude and longitude) of this location?
Tip: The exact coordinates are located at the bottom of the google earth screen.

Latitude: _____

Longitude: _____

- Relative:
 - Using the “Willis Tower” as your location, select a nearby location (physical/human characteristic) and make a relative location statement.
Tip: You might need to scroll out to get a better picture of Chicago.

The Willis Tower is North of _____

The Willis Tower is South of _____

The Willis Tower is East of _____

The Willis Tower is West of _____

****On your Scribble Map, answer the following question: How does this example connect with the theme of location? Why?**

Step 3: Place

- Human Characteristics:
 - Lets set our new “fly to” location to “Colosseum, Rome.” Make a factual cultural statement about this location, using the information added by others (i.e. wikipedia, photos). Tip: Be sure your 3D Buildings and Geographic Web layers are turned on. Navigate around the Colosseum using your zoom in/out and toggle keys on the right side of the Google Earth screen.

Fact about the Colosseum: _____

- Physical:
 - Zoom out from the Colosseum, in order to view all of Italy. Locate and name the volcano just north of the Colosseum. Tip: Be sure your Volcanoes layer is turned on.

Volcano Name: _____

****On your Scribble Map, answer the following question: How does this example connect with the theme of place? Why?**

Step 4: Human Environment Interaction

- Set your new “fly to” location to “Pará, Brazil.” Take a look around, then use the timeline feature. The timeline goes back to 1975.

Compare the geography of Pará between then and now. Why do you think these changes have happened? Etc. _____

How is this an example of human/environmental interaction?

Do you think it's a positive/negative interaction? Why?

****On your Scribble Map, answer the following question: How does this example connect with the theme of human-environment interaction? Why?**

Step 5: Region

- Let's set our new "fly to" location to "Greenwich, England." Once there, zoom all the way out so that we are just viewing the earth. Locate and click on the "sun" tool in the upper tool bar. Using the scroll bar, scroll to 12:00 A.M.
- Using the "western" and "eastern" hemispheres as our regions, make generalizations about these two hemispheres in regards to both the time and sunlight.

Finish these two thoughts:

The Western Hemisphere...._____

The Eastern Hemisphere_____

Step 6: Movement

- Lets now "fly to" Ellis Island. Click on the Wikipedia link to learn about Ellis Island. Explain how Ellis Island supports the "movement" theme.

Ellis Island supports the "movement" theme because _____
