

LT 11. I can illustrate central place theory. (12.2)

Need To Know:

- a. Walter Christaller: German geographer who recognized the economic relationship between cities and their **hinterlands** (area surrounding a service from which the customers are attached)
- b. **Central place**: a market center for the exchange of services by people attracted from the surrounding area.
- c. **Range of Service**: the maximum distance people are willing to travel to use a service
- d. **Threshold**: the minimum number of people needed to support the services.
- e. **Urban hierarchy**: the rank order of places: hamlet, village, town, city

Step 1. Read 12.2 and complete the Central Place Theory Reflection

Step 2. Central Place Theory Activity

In order to complete this activity, you will need to do the following:

1. You will need to use the Internet to locate a map that shows your state and the cities located in it. You may also want to locate a chart or information that shows the population of cities in your state. *** You may use one of these sites listed, <http://www.togetherweteach.com/TWTIC/uscityinfo/uscities.htm>, <http://www.census.gov/popest/data/cities/totals/2011/SUB-EST2011-states.html>, or a similar website to find the population of cities from your state.
2. From the map and information you looked at, you will need to identify a city in your state that has a population between 25,000 and 50,000 and is at least 75 miles away from a major metropolitan area. (You will need to refer to the scale on your map and use it to determine this distance on your map.)
3. Write the name of this city in the chart provided under the column labeled: “Central Place A.”
4. You will need to access Google Earth and create a new map on which you are to locate the city you selected as “Central Place A.” You will need to create a placemark on a Google map where this city is located in your state and label it as “Central Place A.”
5. From the map and information you looked at, you will need to identify the city nearest “Central Place A” with a population between 7,500 and 15,000. This city will become “Central Place B.”
6. Write the name of this city in the chart provided under the column labeled: “Central Place B.”
7. In Google Earth, you will need to create a placemark on your Google map where this city is located in your state and label it as “Central Place B.”
8. From the map and information you looked at, you will need to identify a third city nearby with a population between 2,500 and 5,000. This city will become “Central Place C.”

9. Write the name of this city in the chart provided under the column labeled: "Central Place C."
10. In Google Earth, you will need to create a placemark on your Google map where this city is located in your state and label it "Central Place C."
11. From the map and information you looked at, you will need to identify a fourth city nearby the other cities with a population of 1,000 or less. This city will become "Central Place D."
12. Write down the name of this city in the chart provided under the column labeled: "Central Place D."
13. In Google Earth, you will need to create a placemark on your Google map where this city is located in your state and label it "Central Place D."

REMEMBER to print your map and attach it to the chart and questions listed below

14. In the chart below, write the name of each central place you identified on your map (Central Place A, Central Place B, etc.) and the population for each central place.
15. Using one of the following website(s), <http://www.superpages.com/>, <http://www.yellowpages.com/>, or a similar website, identify the number of each type of service found in each of the central places. Write in the number of each type of service found in each central place (A, B, C, and D) in the chart below. It may be easier to do a search on Google or Yahoo for the city name and if the service is provided in that city.

Go to File, Make a Copy, and put Your last name, First name in the comments. Click Share. Type mike_bobbe@ahschools.us and I will have a copy of it! You'll answer the rest of these questions on your own document.

	Central Place A	Central Place B	Central Place C	Central Place D
Name				
Population				
Services				
Gas Stations				
Churches				
Hospitals				
Radio Stations				
Movie Theaters				
McDonalds				
Wal-Marts				

New Car Dealerships				
Orthopedists				
General Practitioners				

Questions for Reflection:

1. What is the relationship between the population of a central place and the number of services it offers?
2. Compare your map to a diagram of Walter Christaller's Central Place Theory. Does the map you created with your four (4) central place cities follow Christaller's theory about central places? Explain your answer.
3. Is Christaller's Theory still applicable in our world today? Explain your answer.