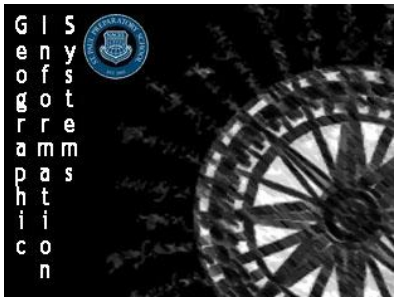

Geographic Information Systems (GIS)

Finding an Apartment

Name:
Section:
Score: _____/5

Directions: Read the situation and follow the instructions to come up with evidence to write a letter to your parents to try to convince them to let you move to a new apartment.

Situation: You are going to be attending school in downtown Saint Paul, Minnesota and you are looking to get an apartment close by. You've found an apartment you like at Galtier Towers Apartments (172 6th St E, St Paul, MN), but your parents need to be convinced it is a good idea to let you live there. You are going to use GIS to do some analytics of the area and then write a letter to your parents to try to convince them it is a good idea.

Steps: Follow these steps to come up with evidence of support

1. Place a point on a new map at the location of the map
2. Do a Walking Time analysis within 10 minutes walking from the apartment and identify the immediate area around the apartment
3. Create a polygon around the area based off the walking time
4. Do a Data Enrichment of your polygon to find out the following figures
    a. 2015 Total Population - _____
    b. 2015 Population Age 25+: Bachelors Degree – _____
    c. 2015 Median Household Income – _____
    d. 2015 Unemployment Rate – _____
    e. 2009 – 2013 ACS Households with Income below poverty Rate – _____
    f. 2010 Median Age (US Census) – _____
5. Write a letter to your parents explaining why it is a good place for you to get live. Your parents want to know that the area is safe, and that there are going to be other people in the area like you. You can do more data enrichments to help you support your position if needed.

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