

## Geocaching Activity Role Play Handout

### CITY PLANNER

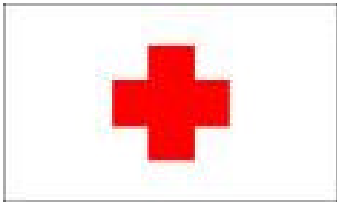
Pretend you are a City Planner. You have been assigned with the task of mapping the locations of the City Park, hospital, high school, police station and City Hall. You have the GPS (Global Positioning System) coordinates of each of these locations (in reality they will be hidden cache boxes), but now you need to walk to each location to make sure these coordinates are correct. You will be rewarded if you find each location. Use your GPS unit to find the coordinates of each location using the following directions.

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The first location is the City Park. A City Planner needs to map the park in order to print maps for residents, visitors and the park maintenance staff. City Planners often work with residents to determine what kinds of playground and sports equipment should be added to the park. It is important to have enough parks for residents so everyone has a chance to play sports, use playground equipment and have picnics. Parks help keep people healthy and happy and this is important to City Planners. Use your GPS unit to find the imaginary City Park at \_\_\_\_\_.

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The second location is the hospital. A City Planner needs to map the hospital in order to make sure there are enough roads to allow residents and visitors to get to the hospital, especially in case of emergencies. If there aren't enough roads, cars and ambulances can't get to the hospital very quickly, which can be a life and death situation for some. Often times hospitals work with City Planners to expand their buildings and add new parking lots. Use your GPS unit to find the imaginary hospital at \_\_\_\_\_.

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The third location is a new high school that was just built. A City Planner needs to map the new high school because the area near the school becomes very popular for new homes. In Michigan, City Planners do not have any say in how a school will look or how big it is, but the City Planner does have a role in where the new houses will be built and if the city's roads need to be improved surrounding the school and new houses. Sometimes, when schools are built in fields way out of town, it can be hard for the city to afford to build new roads, water lines and sewer lines to service the new school. This is related to the phenomenon often referred to as urban sprawl. Use your GPS unit to find the imaginary new high school at \_\_\_\_\_.



The fourth location is the police station. A City Planner needs to map the police station to help the police station deploy officers throughout the city. In an emergency, police officers need to know how to get to a location in the city from the police station as fast as possible. Mapping assistance from the City Planner's office can help. GPS can also be used to locate and track all the officers on duty. In case an officer gets into trouble, their location is known at all times. This is similar to the "On-Star" service that some people have in their car. Cell phones may also have a GPS in them so when you dial "911" the operator knows your location. Use your GPS unit to find the imaginary police station at \_\_\_\_\_.



The last location is City Hall. A City Planner usually works at City Hall. City Hall is usually where all the city's maps and computers are located. City Hall is also where the Mayor's office is and the City Clerk and Treasurer, which keep track of all the paperwork and money for the City. Use your GPS unit to find the imaginary City Hall at \_\_\_\_\_.

