**Today you will design a city!**

Using one sheet of graph paper, I want you to design a town/city. You may lay it out however you like, but you must include a minimum of the items listed below. This means you can add more if you like, but you can only add what will fit on the paper.

When designing the town take into consideration the location of the schools relative to the homes (assume kids are walking to school) and the location of the sewage, landfill, powerplant in relation to where people live and do business.

Also take into account space for roads and parking areas. You can’t just lump everything together right next to each other, there are zoning laws that require at least one square space between separate structures. Also keep in mind there may be some services, homes, restaurants, etc. that you may want more than one of.

Please label each location (except the residential homes, you can leave them blank). If you mess up try to redo it on the other side of the graph paper before asking for another. (Do it in pencil so you can erase if necessary)

You may arrange the squares however you like, for example if you need 9 squares

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Hospital-25 squares

Elementary School-15 squares

Playground for elementary 10 squares (needs to be located adjacent to the elementary school)

High School-20 squares

High School Fields-30 squares (needs to be adjacent to the high school)

Parks and recreational areas around town 100 squares (does not have to be one large area as long as the total number of squares equals at least 100)

City Hall-16 squares

Fire station-8 squares

Police station-12 squares

Powerplant-25 squares

Sewage Treatment Plant-25 squares

Landfill/recycling center-100 squares

Gas station-3 squares

Wawa-4 squares

Grocery Store-12 squares

Restaurant-4 squares

Residential homes 2-6 squares each (you need at least 50 homes)

Hardware store-9 squares

Mall/shopping areas- 80 squares (does not have to be one large area as long as the total number of squares equals 80, each location/store must be at least 4 squares in size)

Farm-200 squares

Office building-16 squares