Name: _____________________________
Geometry Map Project
Angles, Lines and Triangles

DUE DATE: WEDNESDAY, MARCH 30

Your task is to design a map that includes several different kinds of lines, angles, triangles and quadrilaterals. Your map can be of a town, your neighborhood or a made up place. You will need to give your city a descriptive name and title it at the top of your map. (Example: Kellerville) Your map must be labeled with the correct mathematical terms and named with a descriptive name. (Example: Parallel streets must be labeled but can be named Kid Avenue.) Your map must include the following:

- 5 pts - Two sets of streets that are parallel
- 5 pts - Two sets of streets that are perpendicular
- 5 pts - One street that intersects another street to form an obtuse angle
- 5 pts - One street that intersects another to form an acute angle
- 5 pts - One street that is a line segment
- 5 pts - One street that is a line
- 5 pts - An ice cream parlor in the shape of an equilateral triangle
- 5 pts - A pool that is in the shape of an isosceles triangle.
- 5 pts - A post office in the shape of a trapezoid on a set of parallel streets
- 5 pts - A library in the shape of a quadrilateral at a perpendicular intersection.

Your map must be neat and legible.

10 pts. = Neatness (lines were drawn with a ruler)
10 pts. = Creativity (colorful and attractive)
20 pts = Labeling
10 pts = Map named at the top of the map
50 pts = Map - following above directions.

Your project may be drawn on grid paper, copy paper, or posterboard. Rulers and protractors may be used. **This sheet MUST be turned in with your project.** Some class time will be used to work on this project but most of the work will need to be done at home. As always, your project may be turned in before the due date if you finish early. Thursday, March 24th will be a project work day where I will review your progress.

_______ Neatness (10 points max.) *Clearly drawn lines and buildings*
_______ Creativity (10 points max.) *Map is colorful and attractive*
_______ Labels (20 points max.) *Mathematical terms labeled and descriptive names given to roads and buildings*
_______ Map Name (10 points max.) *Labeled at the top of the map.*
_______ 5 pts - Two sets of streets that are parallel
_______ 5 pts - Two sets of streets that are perpendicular
_______ 5 pts - One street that intersects another street to form an obtuse angle
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________ Total points (100 max.)
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