

Name: Ginger Sheets, Texhoma High School

Grade level: Geometry

Topic: Geometry in the Real World

Objectives:

Instruction: Geometry is prevalent in the real world. The purpose of this project is to increase your awareness of the figures that make up your world. Your project this nine weeks is to find at least twenty-five of the following items. Point, segment, plane, ray, line, angle, acute angles, obtuse angle, right angle, perpendicular lines, circle, midpoint, parallel lines, intersecting lines, triangle, rhombus, vertical angles, intersecting lines, opposite rays, angle bisector, pentagon, collinear points, adjacent angles, rectangle, skew lines, square, hexagon, isosceles triangle, octagon, parallelogram, trapezoid, acute triangle, right triangle, parallel planes, obtuse triangle, minor arc, major arc, cone, and cylinder. Your collection can be on poster board, in a folder, or you can make a booklet. Your pictures can be taken from magazines or the newspaper, but cannot be hand drawn. Each item must be clearly identified, correctly labeled, and include a definition on a separate sheet of paper. Be sure your labels are correct for each figure, spelled correctly, and neat, each picture must be large enough to easily find the item.

Assessment: If you have the minimum of 25 different items, all correct, and neat, your grade will be a 95. If you have fewer than 25 different items, all correct, and neat, your grade will be deducted from a 95. To get a grade higher than a 95, your project must have one or more of the following: 10 extra figures, a creative or imaginable flair, or a theme for the project. **LATE PROJECTS WILL NOT BE ACCEPTED.** This grade counts 3 times in the grade book!

Modification/Accommodations:

Reflections: It is really neat to see how creative some of my students can be and how much they can get into this project.