

Name _____



GEO-PHOTO PROJECT for Grades 6 & 7 Math

The aim of this project is for the students to identify geometric lines and shapes in everyday objects.

The final product will be a photo display with labels on a poster board.

Directions:

- ❖ Students are to find 8 (or more) objects indoors or outdoors that represent or depict any of the geometric forms in the list below. For example, an obvious octagon is a stop sign. Parallel lines can be found in shutters, window blinds, or book shelves. Try to use 8 **different** shapes.
- ❖ Students will photograph each object they find and print the pictures. Photo paper is not necessary; you may print on regular copy paper.
- ❖ If you do not have a digital camera, another option is to find the shapes in photographs and pictures in magazines. You may not use downloaded images from the internet, as there would be no searching involved.
- ❖ The pictures are to be arranged in any creative way you choose on a small poster board or paper close to 18" x 24", if possible. I have colored construction paper at school if you'd like to use this.
- ❖ Each shape name must be labeled next to the photo.
- ❖ List of shapes and forms:
 - Line or ray
 - Lines: parallel, intersecting, perpendicular, skew
 - Right angle, acute angle, or obtuse angle
 - Circle
 - Triangle
 - Quadrilaterals: parallelogram, rectangle, square, rhombus, trapezoid
 - Pentagon, hexagon, octagon
 - 3-Dimensional forms: sphere, cube, cylinder, prism, cone
- ❖ The project is due on Monday, March 29th and will be the equivalent of a test grade.

