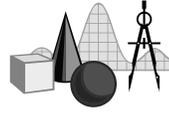# Shapes Around Us

Who: You!!

What: You are going to make a poster of geometric shapes that you see everyday.

Where: You may find and take pictures of shapes you see around town, or you may use pictures you have taken while on vacation. Regular or digital pictures printed on your printer are acceptable.

When:

Why: To realize that geometric shapes are everywhere, but sometimes we don't notice them.

Learning Goal: I can identify both polygons and polyhedra and label them correctly.

Important details: (Use this sheet as a checklist to make sure you include everything)

1. You must include at least 10 different geometric shapes on your poster and put your name and a title on your poster.

2. Each photo may only include one shape (you may have more than one shape in a photo, however, only one shape may be counted towards the required ten).

3. At least four of the shapes must be 3-D objects (examples include sphere, pyramid, cone, cylinder, cube, etc.) These objects need to be labeled as a 3-D object.

4. You must outline the shape in your photo, in marker, on the picture. You must also label each shape as well as the approximate location of the shape (example: Square, Hy-Vee parking lot) on the poster near the photo.

5. Examples of different polygons are in your student reference book. You may use others that aren't listed as well.

6. If you include a triangle you must tell what kind of triangle it is (use your student reference book if unsure). Also, you may only include one triangle regardless of the type.

7. You may only use objects that are permanently attached. For example, you may not use a kickball for a sphere. Also, you may not use any traffic signs.

Grading: This project is worth 25 points. You will be scored on having the correct number of shapes on your poster, including the required 3-D objects, outlining the shapes in your pictures, labeling your shapes properly, neatness, and turning the project in on time. Extra points may be earned by showing creativity in your presentation.