

# TECHNICAL WRITING/ GEOMETRY PROJECT

Tech Ed, Mr. Hagberg

Grade 8

STEP 1. Making an object. This can be anything you can think of. **It should not be complicated.** The model should have 5 parts, and each part should be a standard geometric shape. You will be given materials that you may use.

STEP 2. Technical Writing. You will write directions for someone to follow so they can duplicate your object. The directions do not say what the object is, or what it is supposed to look like. **Use no adjectives or adverbs!** Here is how you should write the directions:

Make a materials list. Be sure you don't leave out anything. Remember, glue, nails and tape, if used, should be on the materials list.

Write the directions in steps. For example: "Place the rectangle, part 1, on the table with the short sides in the 12 and 6 o'clock position. Step 2, ....."

Make sure you include measurements of every part. You may use Metric or Inches, but you must say which system of measurement you are using. Quotation marks (") stand for inches, cm and mm stand for centimeters and millimeters.

Remember: You are not writing a story. You are writing a technical report. You will hand in your directions along with your model.

STEP 3. You will receive a technical report written by another student. You will read and follow the report and produce the object described in the report. When you are done producing the object, Mr. Hagberg will show you the original object the student produced for his/ her report. You will compare the object with the object you produced and report you were given.

Meanwhile, another student will read your report in order to duplicate your model. When they are done, I will show them your model. The two models should be exactly alike.