

LINE DESIGN PROJECT

Learning Objectives

Develop understanding of geometric concepts such as measurement, symmetry, segments, angles, circles and regular polygons.

Use protractors and/or compasses to create angles, regular polygons, and similar figures.

Develop a new appreciation for the beauty of geometry.

Materials Needed

Poster Board (11 in. by 14 in. or 14 in. by 14 in.)

Sewing thread, needle, tape, scissors, ruler, protractor, compass (optional), pencil, push pin.

Due Dates

Friday, March 3

Line design drawn on paper

Monday, April 10

Completed line design on poster board

Requirements

Your line design must incorporate the use of angles and/or circles using any of the methods that we learned in class. You can add interest to your design by using irregular shapes, ovals, or semi-circles. Your grade will be determined using the following scale.

Original line design on paper	40 points
Completed line design on poster	60 points
Color	5 points
Creativity	15 points
Size	10 points
Neatness	10 points
Difficulty level	20 points

All deadlines must be met. If work is received late, 10 points will be deducted from the final grade for each day that the design is late.

A completed design will take at least 4-6 hours of sewing time. Do not wait until the last minute to start your project!! Remember that it is a test grade. I'm looking forward to seeing some great designs. I hope you will have fun creating your work of art!