

C.N.C. Magnetic Locker Plaque

CHALLENGE: To design and construct a personalized 6" x 8" maximum, 1/8" thick acrylic locker plaque including engraving and the cut-out pattern that can be mounted inside your metal locker using a magnet.

REQUIREMENTS:

- P* The locker plaque must be made from 1/8" thick acrylic
- P* The plaque must have a 1/2" border around the edge
- P* The CNC Mill must be used to create the logo
- P* Logo line segments can be any type
- P* The plaque can be any cut-out shape (no curves)

MATERIALS: Teacher will supply the following materials for this project.

- P* Paint
- P* Sandpaper
- P* 1/8" acrylic

EVALUATION: /30

- L* Degree of difficulty /5
- L* Com/Obs /5
- L* Balanced design /5
- L* Clarity /5
- L* Finish of the edges /5
- L* Painted project /5

REPORT: /15

- L* Include 3 design sketches /5
- L* Project procedure (typed) /5
- L* AutoCAD drawing /5

DUE DATE: To be determined