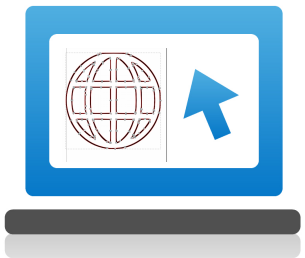
2D TO 3D CONVERSION LASER CUTTING

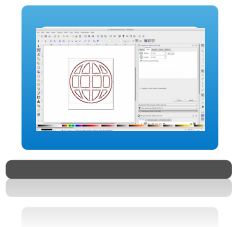
WHAT AM I MAKING?
WHAT IMAGE WILL I NEED

DRAW A SKETCH
FIND IMAGE ONLINE OR CREATE IMAGE

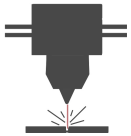
CONVERT IMAGE TO BLACK AND WHITE.
DELETE BACKGROUND
CREATE CONSTANT COLOR BLACK AND
PRESERVE TRANSPARENCY
USE MONOCHROME FILTER AND
CHOOSE #000000 (BLACK)



OPEN IMAGE IN ILLUSTRATOR OR INKSCAPE
TRACE BITMAP
DELETE BACKGROUND
EDIT TRACE LINES AS NEEDED
SET LINES FOR CUTTING
SET LINES FOR ETCHING
SAVE AS .SVG



SET UP FOR LASER CUTTING
PRINT
CHOOSE LASER CUTTER
- SET RASTER SETTINGS
- SET VECTOR SETTINGS
- SET FOR BOTH RASTER AND VECTOR



TEST PART
DOES IT WORK AS DESIGNED
DOCUMENT PROBLEMS
LIST DESIGN CHANGES
DOCUMENT LEARNINGS