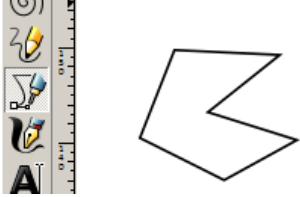


Your First MakeICT Laser Cutter Project

Important Inkscape tools

Bezier tool - Create paths and lines



Text tool - Create & edit text, change font



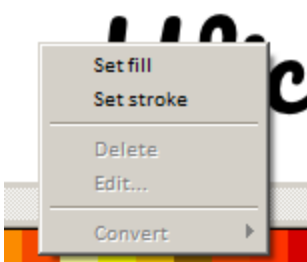
Select tool - move, resize, rotate objects



Node tool - grab nodes or groups of nodes in paths



Right-click on a color to select a color.
Select the far right "X" to select no color.



Project Steps

- 1) Find an SVG
 - a) File > Open
 - b) Documents > Laserclass
- 2) Open your svg in inkscape
 - a) Change the outline color
 - b) Use the text tool to add text
 - c) Change the text color
 - i) Select the text with the select tool
 - ii) Change the outline color
 - d) Convert the text to a path
 - i) Select the text with the select tool
 - ii) Path > Object to path
 - e) Save the SVG file to your jump drive
 - f) Save as DXF
 - i) All checkboxes blank
 - ii) Base unit: mm
- 3) Import your file
 - a) Open Laserweb
 - b) Add Document
- 4) Resize project
 - a) Select document filename
 - b) Enter size
 - c) Enter x and y coordinates (min 0,0)
- 5) Mode and power settings
 - a) "Create single" to make a new layer
 - i) Mode: Laser Raster Merge
 - ii) Filter fill to text color
 - iii) Power range 10%-10%
 - iv) Cut rate 200
 - v) Burn white OFF
 - vi) Laser Diameter 0.1mm
 - vii) Overscan 3mm
 - b) "Create single" again
 - i) Mode: Laser cut
 - ii) Filter stroke to outside outline color
 - iii) Power 50%
 - iv) Cut rate 15
- 6) Generate G-code
 - a) Toggle design off with eyeball
 - b) Simulator bar to check paths