

Epic Battle Gear- Wooden Sword



All kids need time to play but it's just as important for them to spend time building and learning with you! What better keepsake than one they helped build! All sorts of messages and logos can be used by modifying the file. Some great things kids can be reminded of:

"Hold Fast"

"Take Courage"

"Stand"

"Walk Worthy"

"For Honor"

Initials and their favorite logo offer another great way to personalize!

****WARNING**** If you make this project, after routing, make SURE to sand down all sharp edges and points. Be CAREFUL and properly support small parts when routing. Do not attempt anything that is unsafe with tools. Use responsibly- adult supervision is required if using this for anything other than decorative or keepsake purposes.

Build and Design: Lawrence DuBose, DuBose 'of the Woods' Woodworking
Created using "Shaper Studio" for the "Shaper Origin" www.shapertools.com

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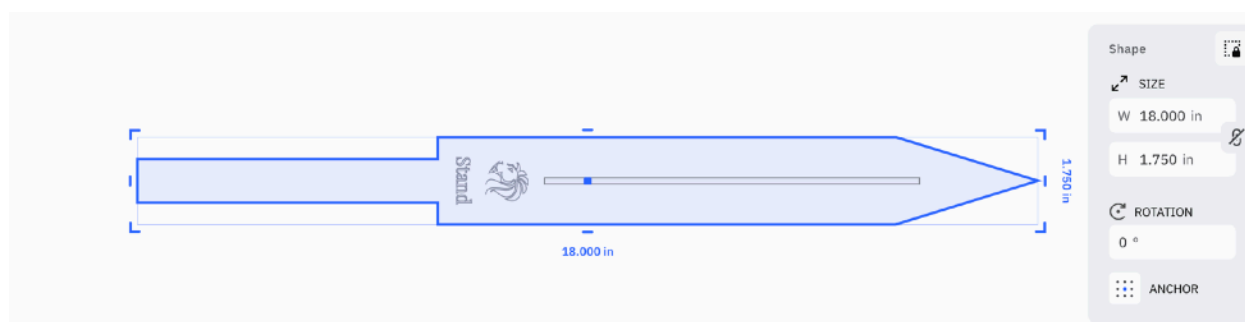


Part	Finished Dimensions		
	Length	Width	Thickness
Sword*	18"	1.75"	5/8"
Hilt*	5"	1.75"	5/8"
Pommel*	1.5"	1"	0.75"

I first made this with a shop helper. Giving your shop helper the choice of wood species makes this project even more fun! My shop helper chose cherry for the 'sword' and hard maple for the hilt and base. After our first build, I refined several details to what is shown on this

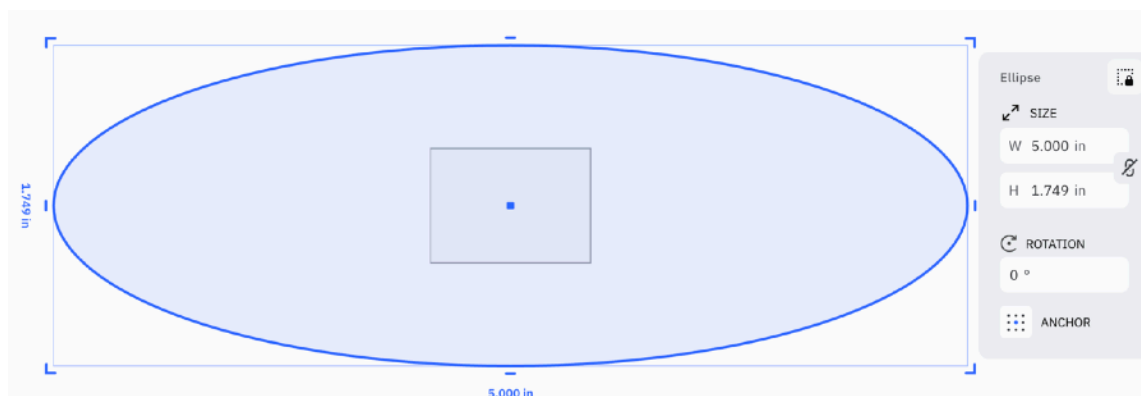
I found it MUCH easier to sand all components to 180 grit before routing parts Don't sweat router marks - they add the sense of a 'battle tested' piece, which may soon have some more dents.

Sword

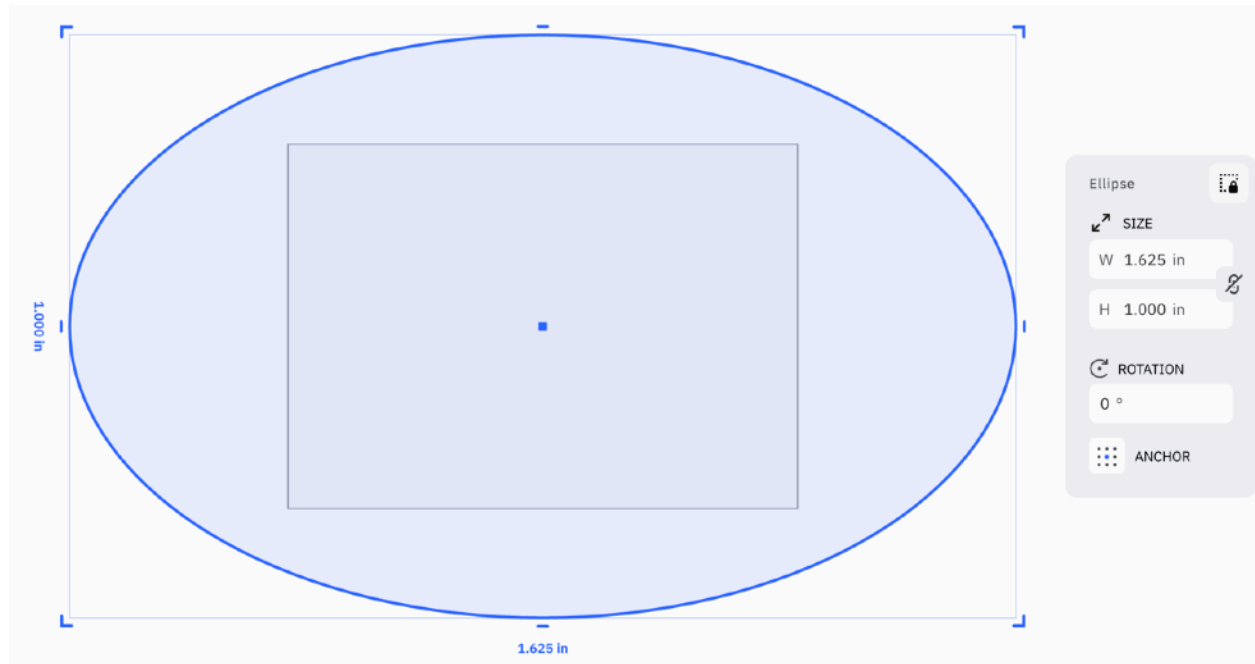


The sword will need a little chisel work to square up shoulders and ensure there are no gaps when the hilt is attached. A miter gauge and a table saw blade raised to the proper height would also work.

Hilt



Pommel



The pommel and hit were both secured with a couple dabs of Starbond CA glue and activator along with Titebond II spread in a thin layer along both and left to clamp overnight.

Handle- I wrapped the handle with hemp 2mm or leather, but paracord, sport's wrap, mason line, and twine could be options as well- again, see what you have on hand and offer your helper their choice of materials! The initial wrap was secured with Starbond CA glue and the final wrap tucked underneath using a crochet needle.

Finish- I sanded all exposed wooden surfaces to 180 grit. I applied real milk paint to all of the engravings and sanded them smooth with 180 grit sandpaper. The final finish was done with a 50 / 50 mixture of pure tung oil and citrus solvent from Real Milk Paint www.realmilkpaint.com This is a nontoxic finish that is easy to apply.

