

SWORD EVENT



Event description:

Users make a wooden sword. Users start project during the event and return later to finish.

Equipment necessary for event:

Paper and markers, sufficient wood stock

Objectives:

- 1. Each user will learn how they can use the space to work on a longer-term themed project**
- 2. Each user will get the opportunity to "stretch their creative muscle"**
- 3. Each user will come away with the understanding of what AMS tools can be used within the context of the Sword Project (there are many options!)**
- 4. Each user will be able to visualize a finished product (paint, decorations, wood stain) and decide how much of the project they would like to pursue**

How to run the event (1 hr):

- 0-5 min: Welcome users, introduce self and share names/majors
- 5-10 min: Describe an example sword process* (if you made a sword already, let users know how you made yours. Or else describe how a user might make theirs and what tools they might use. Don't go into too much detail here)
- 10-20 min: Users create their designs. Mentors should walk around and help encourage users to explore their creativity.
- 20-55 min: Users who are finished with the design phase may want to get to work right away. Mentors will encourage users to think about how to bring their design to fruition and help them

find a good method of making their design – (being creative is the point! There is no one prescribed method!) Mentors help users use the various tools necessary to accomplish their design.

- 55-60 min: **Clean up time!** Mentors should go around and personally encourage users to clean up after themselves and others. Users are likely to not have finished their swords. They can either store their projects at the AMS (using the proper storage procedures) or take them home.

*Example sword processes:

-Laser cutter to make the blade, laser cutter to make the handle...basically a two-dimensional sword

-1400's version: hand tools to make the cuts and perform sanding (hacksaw, corner saw, sandpaper)

-Planer to plane a thick piece of wood, band saw to make big cuts for the blade, belt sander to make the sword "sharp", lathe to make the handle