

I used 2x3 boards, cause we had lots that were 3 to 4 ft long, At FSU we used 1x4 I think

I will usually have 2 students use a 2ft to 4ft long board, and just use both ends, talking about the kerf of the blade and why we can't just measure from one side for future measurements, since we lose material. (plus for this project their hand would be too close to the blade.) I show them how to cut, saying that the best thing to stay safe with this is to keep the board firmly against the fence and never start the blade on the wood, it needs to get up to speed.

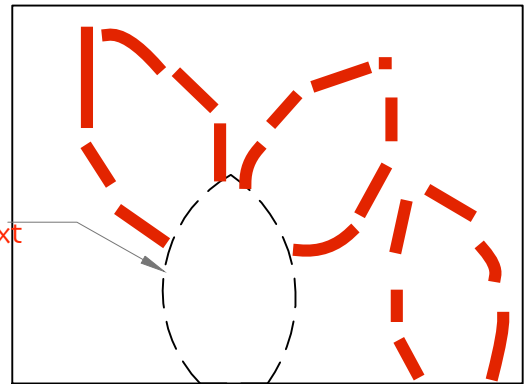
With boards 2' or longer, I have them cut the angle first, while the board is long, then straight cut 5" from the point, and they hold onto the off cut rather than onto Tibbs for the straight cut because I want them to hold their hands further away from the blade. If you have a band saw and they are already used to the chop saw you can do Tibbs' butt as a slight curve on that, which is how we did it at FSU, but I modified it since we don't have a band saw.

Drill a hole for the eye, attach the ear with a screw or staples, same for a string for the tail. 6" is a good length. You can do staples for the whiskers but I had a mini flat project where we used air tools, so my kids just drew them on and attached the pieces with screws.

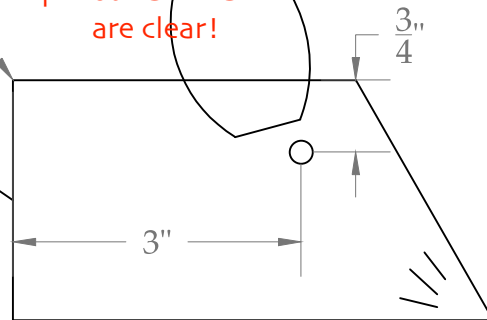
Drilling the hole is a good time to show clamps or having a buddy assist and not drilling into a table

The ear attachment requires a buddy, preferably with pliers to hold the ear in place and other hand on the body of Tibbs so things don't spin out and hands are clear!

Scrap lauan, this is the easiest shape layout, use the edge as the bottom of the ear and use a jigsaw to cut the 2 curves to meet at a point.



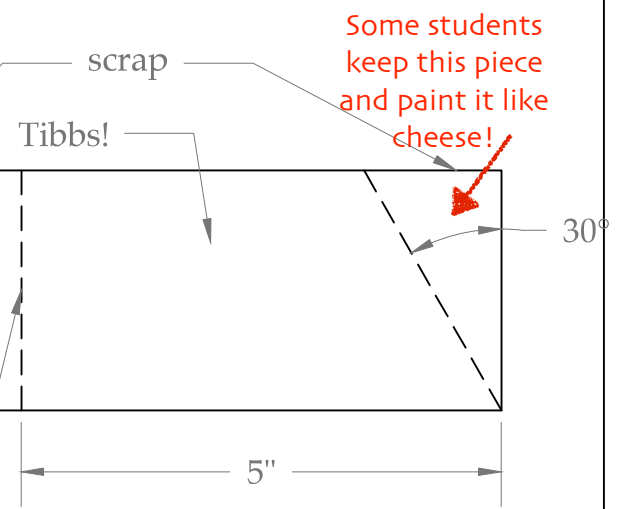
As we cut I tend to branch off and use up the same board for all the students, so I drew in the red lines to show that. I make them do 2 ears, so by the 4th pass with the jigsaw they are way better than the 1st! Can be any thin material, even cardboard if you don't have a jigsaw!.



View of end



My students like the trick for centering the screw for the tail by using a straight edge and connecting the corners on the diagonal!



Unit		
Drafted by	Karn Severson	
File name	Tibbs the Safety Mouse.dwg	
Plot date	8/1/2014	
Scale	6"=1'0"	