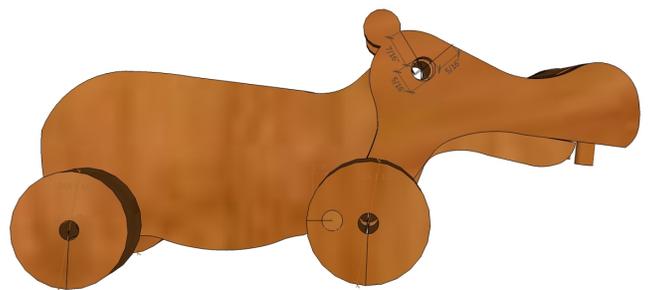
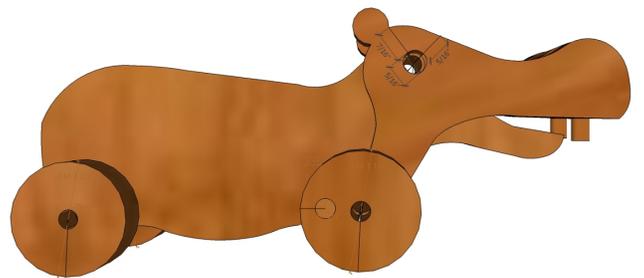
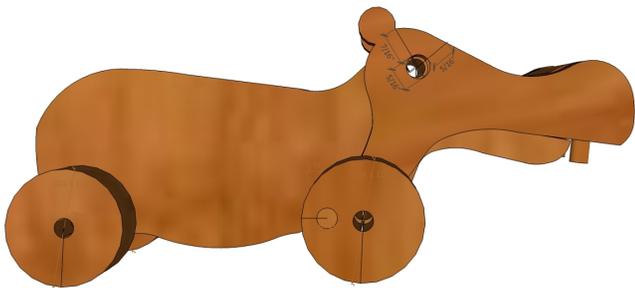


WWCH March 2024 Toy of the Month



Hungry-Hungry-Hippo Animated



Instructions

Please remember to work safely.

This is one way to make the Hungry-Hungry-Hippo animated toy. You may have to adapt to the tooling you have available to you. Always use the tools and procedures that make the most sense to you.

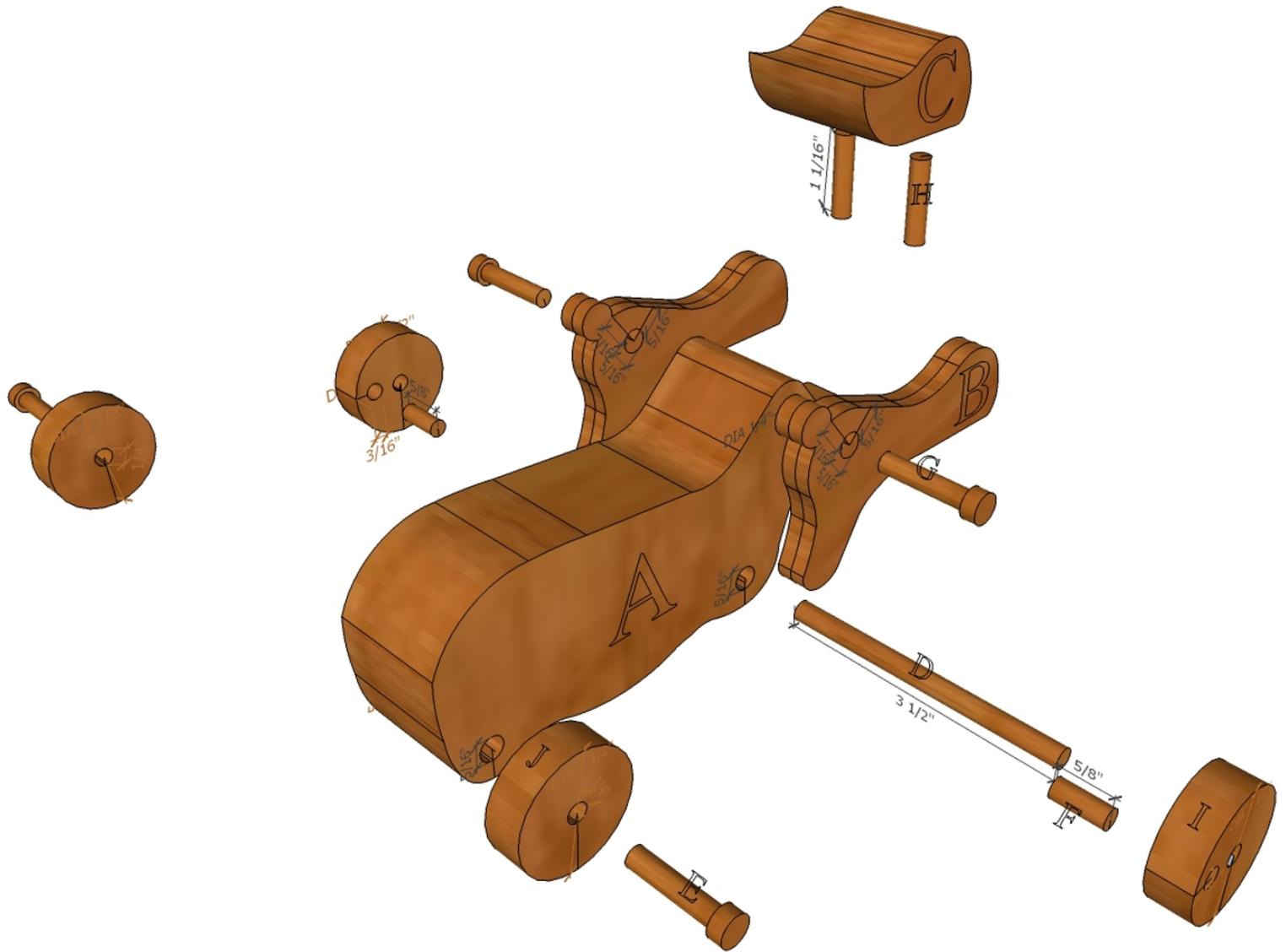
1. Please see the Hungry-Hungry-Hippo Parts List and Hungry-Hungry-Hippo Expansion View for an overview of the animated toy.
2. For the Body and Head Spacer, you can use a 2x4". For the Head Sides you need wood that is 3/8" thick. I used 2 3/16" thick pieces and glued them together to make 3/8".
3. Use the plans drawings to cut the Body, Head Sides, and Head Spacer. Also note where to drill the Wheel Plugs into the Front Wheels.
4. I'm using a scroll saw. Use this or a band saw to cut just outside the pattern lines.
5. Drill the appropriate holes into the Body.
6. Drill the hole for the Head Sides.
7. Drill the hold for the Teeth into the Head Spacer and attach Teeth.
8. Attach Head Spacer and Teeth to Head Sides.
9. Attach Rear Wheels to Body with Real Axle Pegs.
10. Drill hole into Front Wheels about 1/4" deep to hold the Wheel Plugs. Attach Wheel Plug to each Front Wheel.
11. Attach Head Sides and Head Spacer with Eye Pegs to Body.
12. Attach Front Wheels with Wheel Plugs to Body. Insert and glue Front Axle.
13. Sand to 220 grit. The objective here is to provide a smooth, comfortable, splinter-free toy for small hands.
14. Wipe all surfaces and see if any areas need more sanding. Repeat as needed.
15. Leave with no finish to allow for customization of a paint job by child. Otherwise, use beeswax or other approved finish.
16. Keep the best Hungry-Hungry-Hippo animated toy for yourself or your favorite child and turn the rest in at a future meeting.

Special thanks goes to book Animated Animal Toys in Wood by David Wakefield.

We at the Toy Group of the WWCH would like to thank you for participating in our toy making charitable activity. These toys will bring smiles to the less privileged children of our area.

Hungry-Hungry-Hippo Parts List						
Part	Description	Qty	Thickness	Width or Diameter	Length	Notes
A	Body	1	1-1/2"	3"	7-1/2"	
B	Head Sides	2	3/8"	2-1/2"	3-3/4"	Each B piece contains 2, 3/16" thick pieces glued together
C	Head Spacer	1	1-5/8"	1-1/4"	2"	
D	Front Axle	1	-	1/4" diameter	3-1/2"	
E	Rear Axle Pegs	2	-	1/4" diameter	1-1/8"	1-1/8" length, with 3/16" length x 3/8" head
F	Wheel Plugs	2	-	1/4" diameter	5/8"	
G	Eye Pegs	2	-	1/4" diameter	1-1/8"	1-1/8" length, with 3/16" length x 3/8" head
H	Teeth	2	-	1/4" diameter	1-1/16"	
I	Front Wheels	2	1/2"	1-1/2" diameter	-	
J	Rear Wheels	2	1/2"	1-1/2" diameter	-	

Hungry-Hungry-Hippo Expansion Plan



Hungry-Hungry-Hippo Profile Plans – To Scale

