

HART™



Giant Jenga

PROJECT PLAN

Finished Dimensions: 10-1/2"W x 27"H x 10-1/2"D


Skill Level: Beginner


Materials

Item	Qty
2" x 4" x 8' Board*	6
Wooden Crates (Click here to Purchase)	2
Sand Paper**: 150g, 220g & 320g	

* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

** Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

 Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

 A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

Tools Used



Miter Saw

or



Circular Saw



Orbital Sander



20V 4.0Ah Battery



Charger




Tape Measure



Safety Glasses

Also Needed:
Clamps

 **Battery Tip:** A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Lumber Cut List

Board*	Cut to	Qty
2" x 4"	10-1/2"	54

* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Lumber & Sheet Layout Guide



Assembly Instructions

Step 1

Cut all (54) pieces out of the (6) 2"x 4" x 8' boards using the Lumber & Sheet Layout Guide.



Step 2

Sand each piece to remove any imperfections. This will help prevent the boards from catching on each other when attempting to remove them during gameplay.

Boards should stack evenly on top of each other.

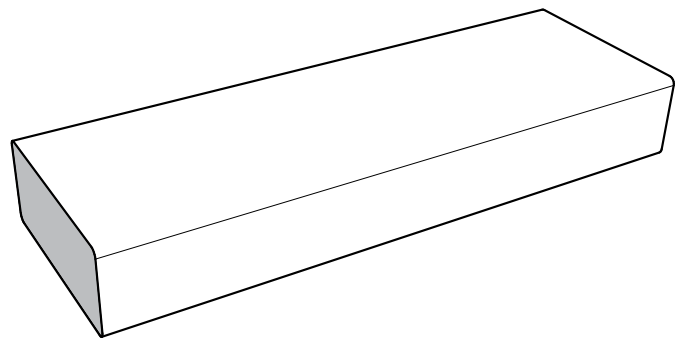
Rougher finish – Use 60-80 grit sandpaper to hand sand w the grain of the wood.

Smoother finish – Use 60-80 grit sandpaper to remove scratches & imperfections.

Followed by using 120-220 grit to smooth.

Finish Sanding – Use 320-400 grit sandpaper

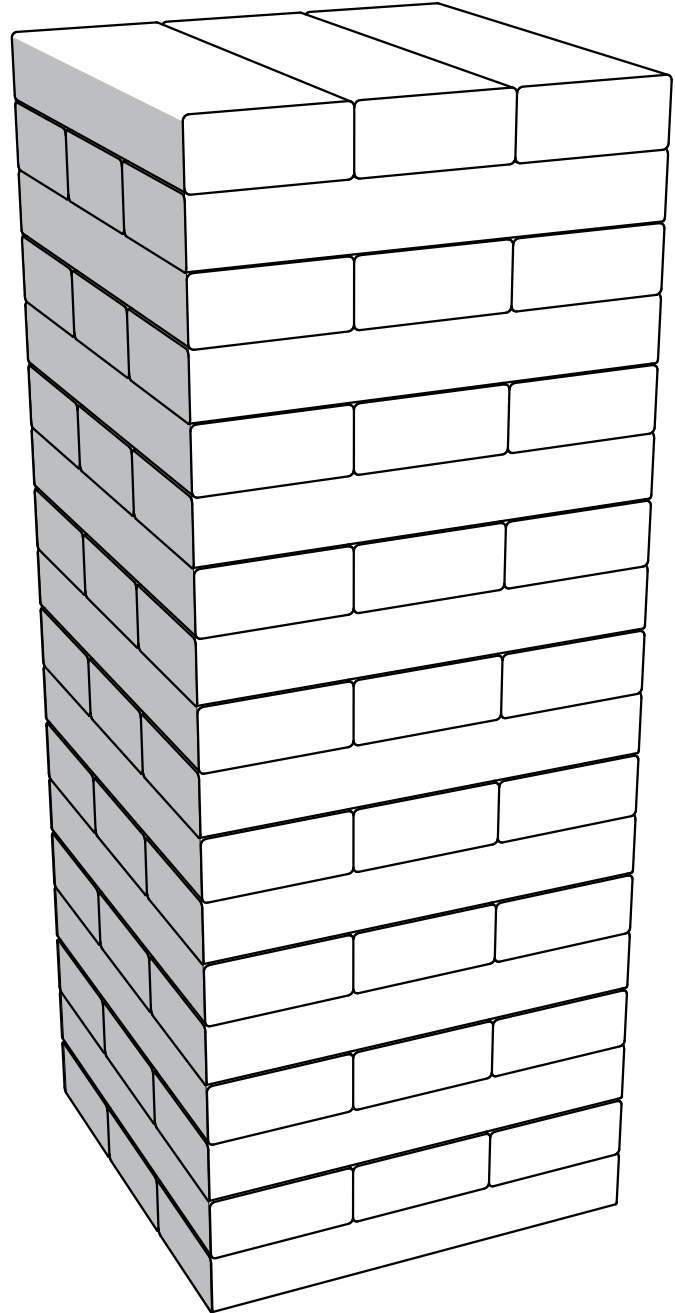
Super fine sanding – Use 600+ grit sandpaper




Assembly Instructions

Step 3

To build the tower, place layers of (3) wooden boards at alternating right angles. See diagram below. When you finish stacking, you will have a solid (18) story tower.



 **Tip** - Use a fine wood paste wax to protect and prolong the life of the boards. This will also make the pieces slide easier. Or you may choose to paint your pieces.