



GIANT JENGA

IMAGES AND RESOURCES ADAPTED FROM: <https://www.theidearoom.net/how-to-make-a-diy-giant-jenga-game/>

GIANT JENGA

MATERIALS

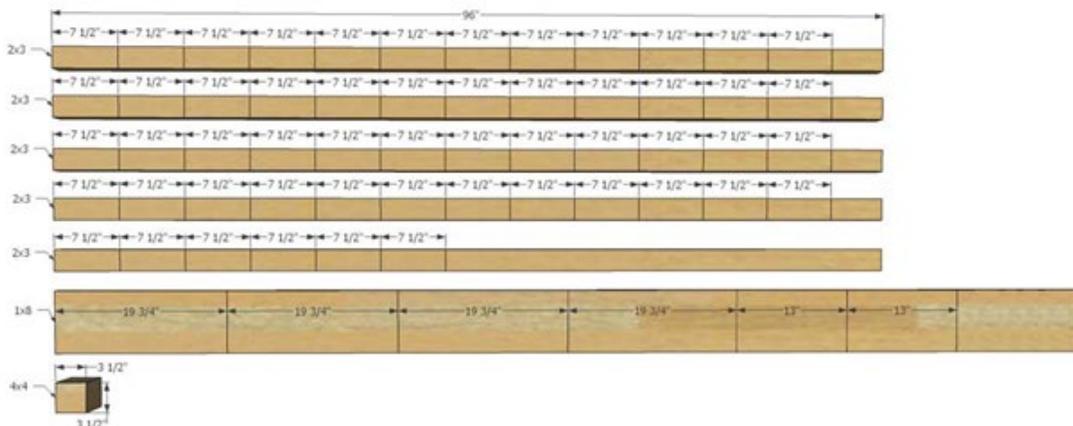
- 5 – 2" x 3" x 8' boards (actually measure 1 1/2" x 2 1/2" x 8')
- 1 – 1" x 8" x 10' board – optional carrying crate (actually measure 3/4" x 7 1/4" x 10')
- scrap piece of 4" x 4" post – optional dice (actually measure 3 1/2" x 3 1/2")
- sandpaper
- 26 – 1 1/4" wood screws – optional for carrying crate
- wood glue – optional for carrying crate
- 2 – drawer handles – optional for carrying crate
- paint/stain – optional
- paint brush – optional



CUT LIST

- 54 – 1 1/2" x 2 1/2" x 7 1/2" Jenga block pieces cut from the 2x3 boards
- Optional carrying crate
 - 4 – 3/4" x 7 1/4" x 19 3/4"
 - 2 – 3/4" x 7 1/4" x 13"
- Optional dice
 - 1 – 3 1/2" x 3 1/2" x 3 1/2" from a 4x4 post

CUT DIAGRAM



MAKING THE JUMBO JENGA PIECES

Cut the 2×3 boards into 7 1/2" long pieces, you should be able to get 12 – 7 1/2" pieces from each 2×3 board.

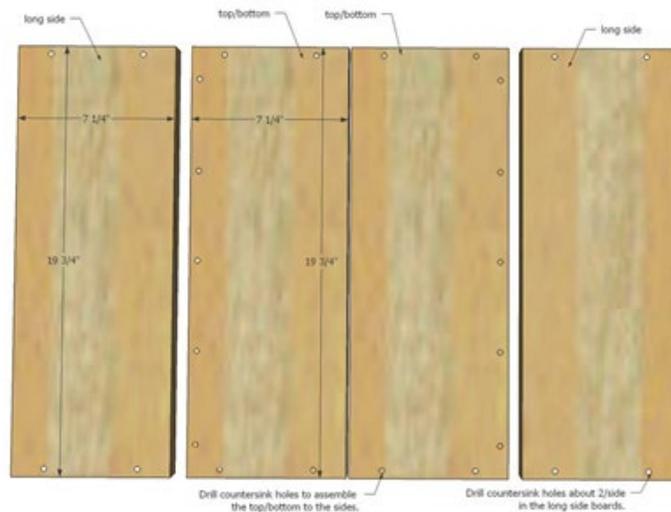
Sand each block smooth. Use a belt sander for this part to make it faster, a regular hand sander will work too.

Paint or stain the jumbo Jenga blocks if desired.

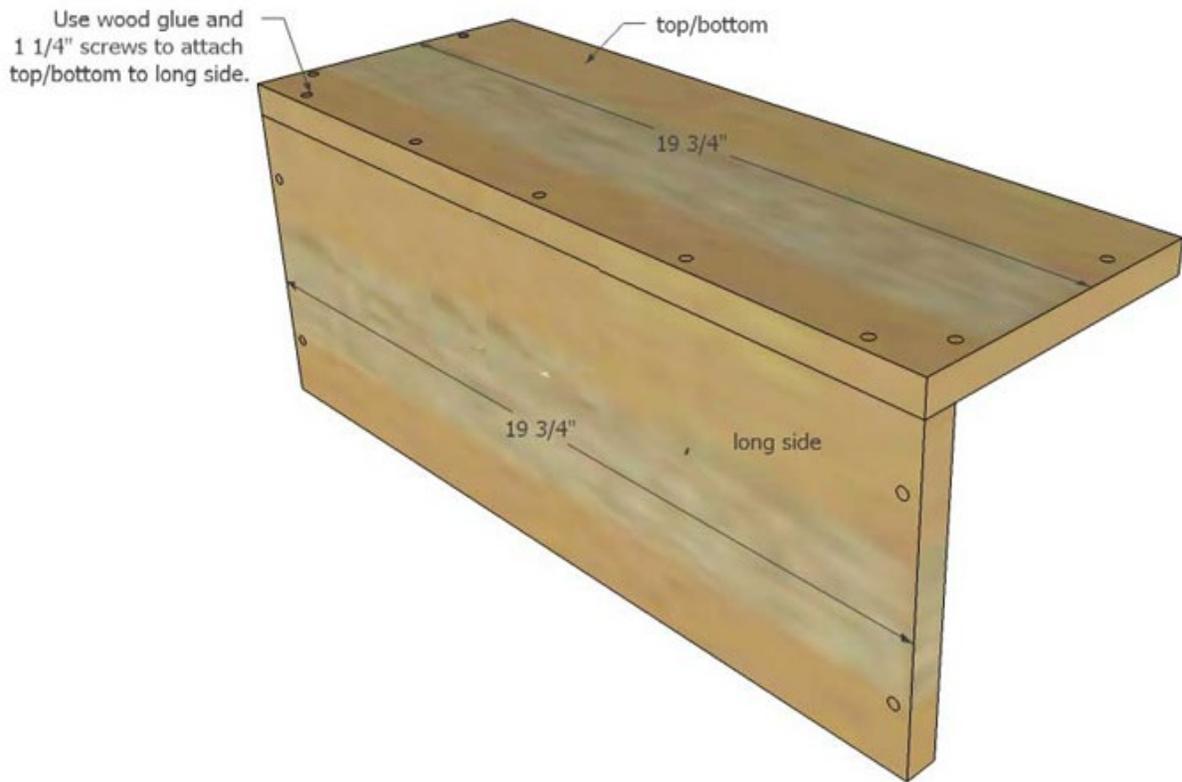
Choose paint colors (Red, Dark blue, light blue, white, etc). A note about using latex paint: One issue with latex is that it dries in a day, but doesn't cure for a few weeks. So the blocks want to stick to each other. You can coat them with a clear coat or wait until the paint has fully cured. (If you leave them natural wood you won't have this issue.)

MAKING THE CARRYING CRATE

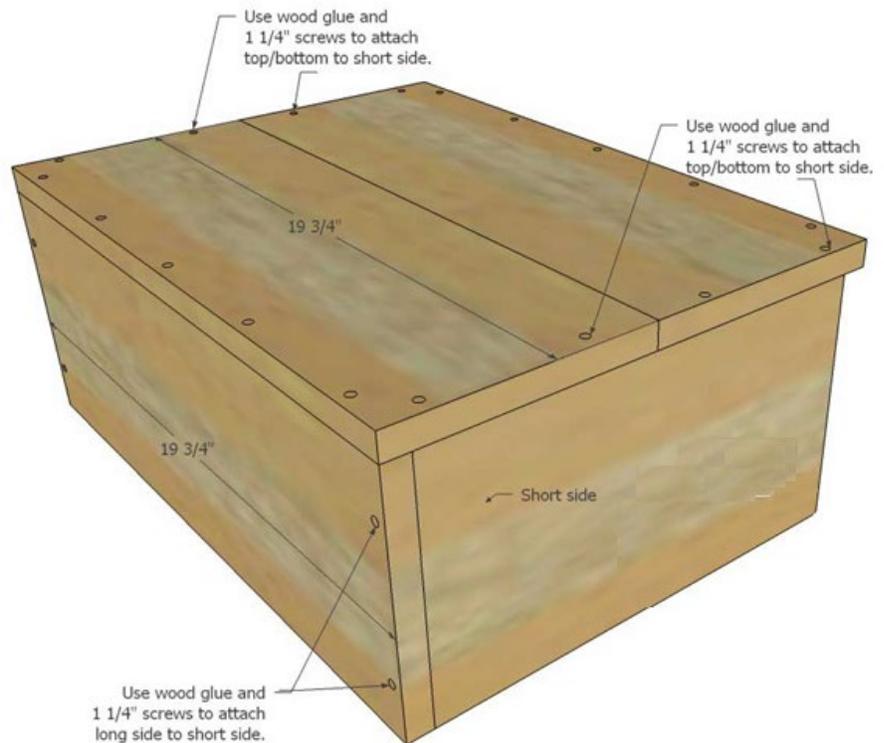
Cut the 4 pieces of 1×8 to be 19 3/4" long. Use a countersink bit (or a regular drill bit about the size of the screw shank) and drill holes for the screws as shown in the sketch. The holes should be about 3/8" away from the side and evenly spaced.



Add a bead of wood glue along one of the sides of a 'long side' board. Use 1 1/4" minimum to secure a 'top/bottom' board to the 'long side' board as shown.



Add a bead of wood glue to 2 sides of the 'short side' boards and attach it to the 'long side' and 'top/bottom' boards with 1 1/4" screws. Attach another 'top/bottom' board right by the other 'top/bottom' board and secure it to the 'short side' board with 1 1/4" screws.



Attach the last 'long side' board with wood glue and 1 1/4" screws to the 'short side' and 'top/bottom' boards. If you want to add handles, add one to each side



Remove any excess glue. After the glue has dried, sand the carrying crate smooth, especially the top/bottom where the jumbo Jenga will be stacked to play the game.

MAKING THE DICE

Cut a piece of 4x4 to a cube, 3 1/2" x 3 1/2" x 3 1/2". Paint each of the 6 sides a different color (one side will stay natural wood.) After the paint has dried, lightly sand the edges to give a distressed look if desired.



Source:

<https://www.theidearoom.net/how-to-make-a-diy-giant-jenga-game/>