

Learn-A-Skill

Woodworking



Skills
Exploration
Days

Woodworking

TOOLS & MATERIALS

- measuring tape
- pencil
- hand saw
- jigsaw
- orbit sander
- power drill
- drill bits
- screws
- hammer
- nails
- clamps
- scrap wood pieces

Check out the
instruction
video here!



SAFETY EQUIPMENT

- safety glasses
- ear protection
- gloves

SKILLS TO LEARN

- How to measure, mark, cut, sand & fasten wood

STEP 1:

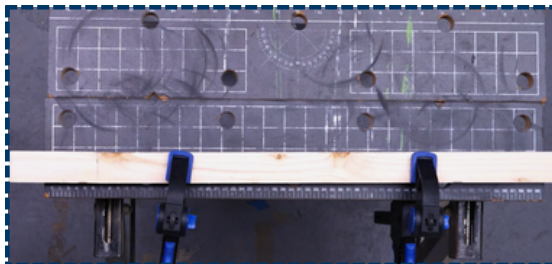


a. Using the measuring tape, measure and mark a piece of wood every 4 inches with a pencil.

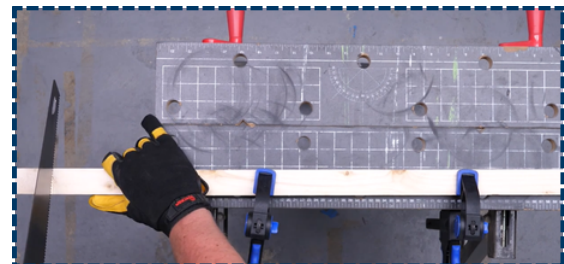


b. Line up the square with each of your 4-inch markings and draw a line.

STEP 2:



a. Using two clamps, clamp your piece of wood to your work surface so it is secure.



b. Line the handsaw up with your pencil marking. Pull the saw gently to get the cut started. Once started, add pressure and pull the saw back and forth until you've made the cut.

STEP 2 (cont'd):

c. Reset the piece of wood by removing the clamps and shifting the wood over so your cut line is off the work surface.

Line up the jigsaw with your pencil marking. Make sure nothing is below the jigsaw that will interfere with the blade. Make your cut by gently pulling the trigger and slowly moving it forward along the pencil marking.



STEP 3:

a. Fasten two pieces into an "L" shape using a power drill and screws. Your screw should be approximately double the length as your piece is wide.

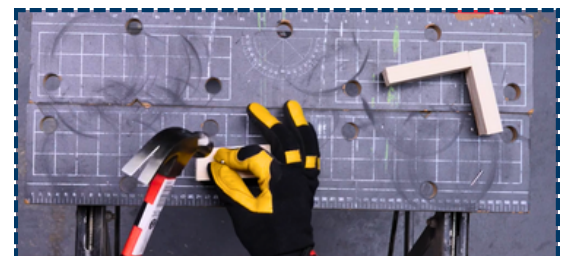


b. Take your first piece of wood and clamp it to your work surface.



c. Place your second piece of wood to create an "L" shape and use the drill to screw it in. Repeat this step with a second screw so the piece cannot twist.

d. Fasten two pieces together using a hammer and nails. Line the pieces up and hold the nail while gently tapping the hammer to get it started. Then, remove your fingers and hammer until the head of the nail is flush with the wood.



STEP 4:

Sand the pieces smooth using an orbit sander. If holding your piece, be careful to keep your fingers away from the sander.





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