




WORKSHOP COURSE ASSIGNMENTS 2021

1. Choose one of the short videos on YouTube about "woodworking" or "Metalworking" in English - maximum video duration 6 minutes. Students with an odd number of Student ID Numbers for woodworking and an even number, for metalworking.
2. Fill in the following table with text and pictures

Name / Student ID Number	Destriana Mayo Elsa / G041191043	Information
Assignment (wood/metal) working	<i>Wood Working</i>	
Video title	<i>Build a simple garden bench. Easy woodworking project.</i>	
Video link	https://youtu.be/kaSH_A_pgWQA	
Final product		
Preparatory Stage	<p>Materials to prepare</p> <p>Tools:</p> <ol style="list-style-type: none"> 1. Circular Saw (Cutting Tools) 2. Cordless Drill (Boring Tools) 3. Meter (Layout Tools) 4. Pencil (Layout Tools) 5. Saw (Cutting Tools) 6. Hammer (Driving Tools) 7. Grinding Sandpaper (Cutting Tools) 	 Circular Saw  Cordless Drill

Materials:

1. Wooden Board
2. Wood glue
3. Paint



Saw



Pencil and meter



Wood Glue



Wood Paint



Hammer



sandpaper grinding

Material
Working Stage

1. Prepare several pieces of wood that have been shaped to the size of 2x4 and 1x3.
2. Cut the 2x4 and 1x3 size wood into several pieces



Some pieces of wood



Wood size 2x4 and 1x3



Cutting the wood according to the predetermined size



The results of the wood pieces according to the predetermined size

Assembly Stage

1. Prepare the molded board and the tools and materials to be used.
2. Arrange the boards that have been formed and then connect the four boards using screws with the help of a drill.
3. Repeating the making of the bench legs by repeating the two steps above.
4. Install the bench support on the front and back then connect using a drill.
5. Installing the board that has been formed on the seat using wood glue.



Fastening the wooden structure with drilling screws






Installation of bench supports with a drill



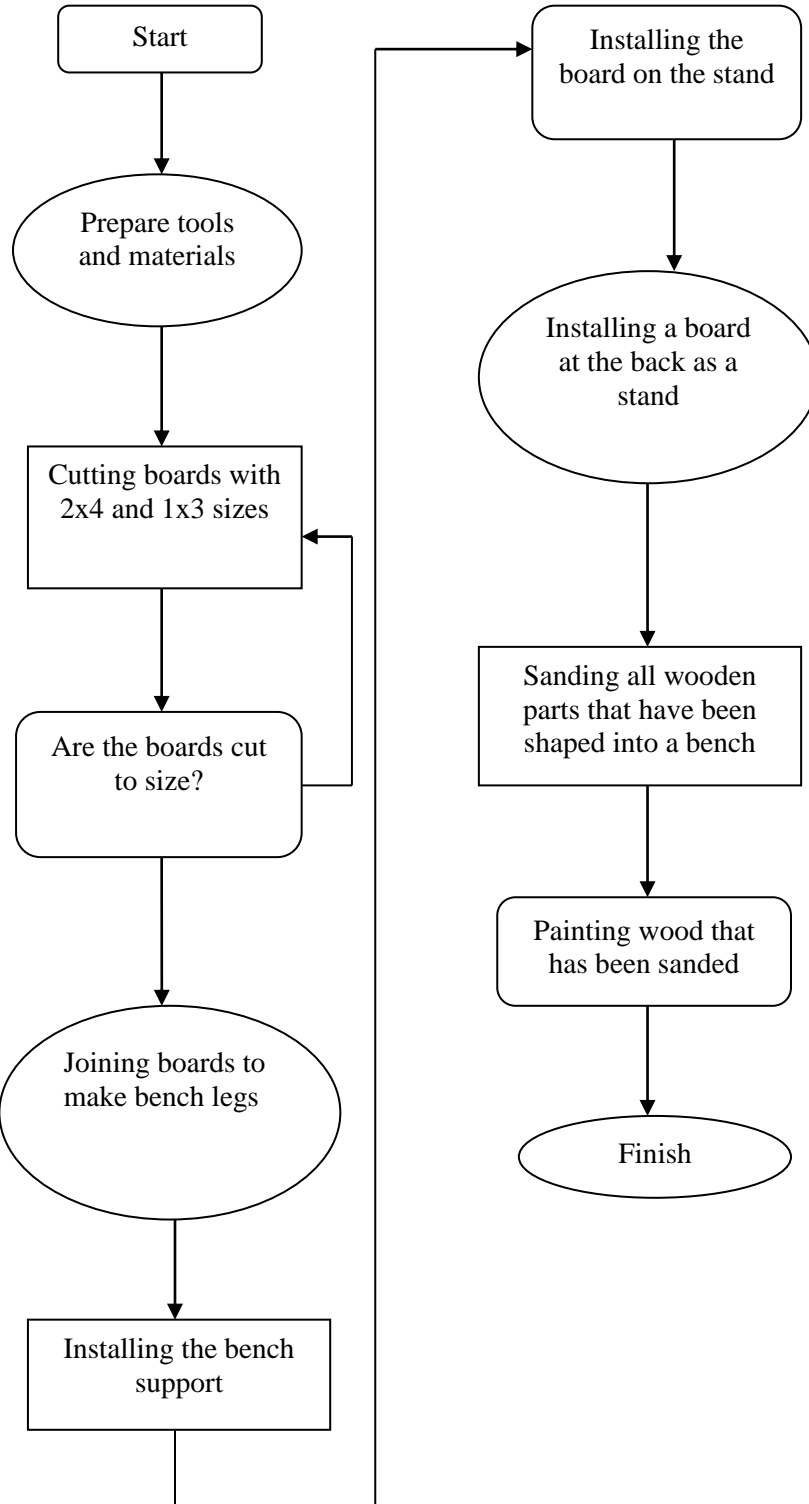
Bench support installation

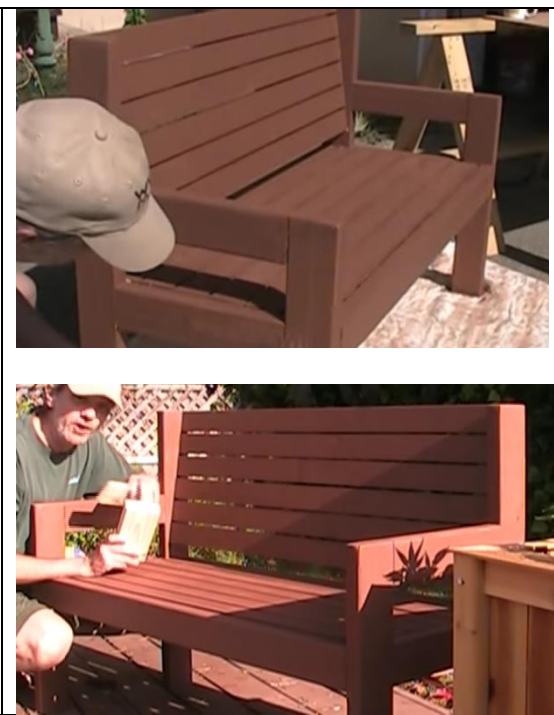


Bench seat installation

	<p>6. Attach the molded wood to the back of the bench that serves as the backrest.</p>	 <p>Pemasangan senderan bangku</p>
<p>Finishing Stage</p>	<p>7. Sanding all wood parts 8. Paint the sanded wood 8.</p>	 <p>Pengamplasan bangku sebelum dilakukan pengecatan</p>  <p>Proses pengecatan pada bangku yang telah diampelas</p>

Flow Chart pengerjaan



<p>Final Product</p>	<p>Photos of materials made (front and side views)</p>	
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