Cutting Boards Project

1. You must make a set of 3 cutting boards.
   * They all have to have one thing in common.
     + Shape, color, wood type, etc.
   * They CAN NOT be plain squares or rectangles
     + Cutting boards with a handle are okay
     + Circles are okay
     + Triangles are okay
   * You must use two different types of wood for all three.
     + You CAN NOT use Pine or Cedar for this project
   * In a set of three they all have to be 1” smaller in size.
     + For example if your biggest one is 8” x 12” then you second one will be 7” x 11”, and your third will be 6” x 10”
2. You must use biscuit joints to hold your boards together
3. You must use a router table and create a decorative edge on all three.
4. Your cutting board must be finished with a food safe finishing product.
5. Max sizes/ Minimum sizes
   * Based on the first cutting board, which will be your largest for the set. All must be ¾” thick
     + CAN NOT be bigger than 10” x 15”
     + CAN NOT be smaller than 8” x 10”
6. You must submit a plan and a bill of materials.

Required tools Needed

* Jointer
* Planer
* Table saw
* Biscuit jointer.
* Bandsaw
* Router table
* Sanders

1. What did you like about this project?
2. What did you learn from this project?
3. What are you going to use this project for?

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| --- | --- | --- | --- | --- |
| 5 | 4 | 3 | 2 | 1 |
| You completed all 3 cutting boards in the set. All 1” smaller than the next. | You completed all 3 cutting boards. However; they were not exactly 1” smaller than the next. | You completed 2 cutting boards. They all were 1” smaller than the next. | You completed 2 cutting boards. However; they were not exactly 1” smaller than the next. | You only completed one cutting board. |
| You used two or more types of wood. Colors were contrasting. Arrangement was good. | You used two types of wood. Contrasting colors, but the arrangement was off. | You used two types of wood. Contrasting colors. But they had no arrangement. | You used two types of wood. No contrasting colors, no arrangement. | You only used one type of wood. |
| You choose a shape that was not a square or a rectangle and you used it for all three. | You choose 3 shapes that were not squares or rectangles. | You choose 2 shapes that were not squares or rectangles. | You did a square cutting board set. | You did a rectangle cutting board set. |
| You did a decorative edge using the router table, and you sanded away all router burn marks. The router edge was square and clean | You did a decorative edge on the router table. But there were some burn marks. The router edge was clean and square. | You did a decorative edge on the router table. But there were burn marks and the router edge was not square. | You did a decorative edge. But there was a large section of burn. Or chipped section. OR no router edge was square. | You did not do a decorative edge. You broke the edges with sand paper. |
| You sanded away all of your machining marks. Sanded with 220. | You sanded away most of your machining marks, but there were sanding marks. | There are visible machining marks and sanding marks. Edge are still rough. Sanded with 120 | Edges are really rough. Barely sanded. Sanded with 100. | You did not sand. |
| You did 2 coats of finish and buffed between each one. | You did 2 coats of finish but did not buff. | You did 1 coat of finish and buffed. | You did one coat of finish and buffed. | You did not put finish on your cutting boards. |

/30 project

/10 paperwork

Total Grade: /40

Comments: