

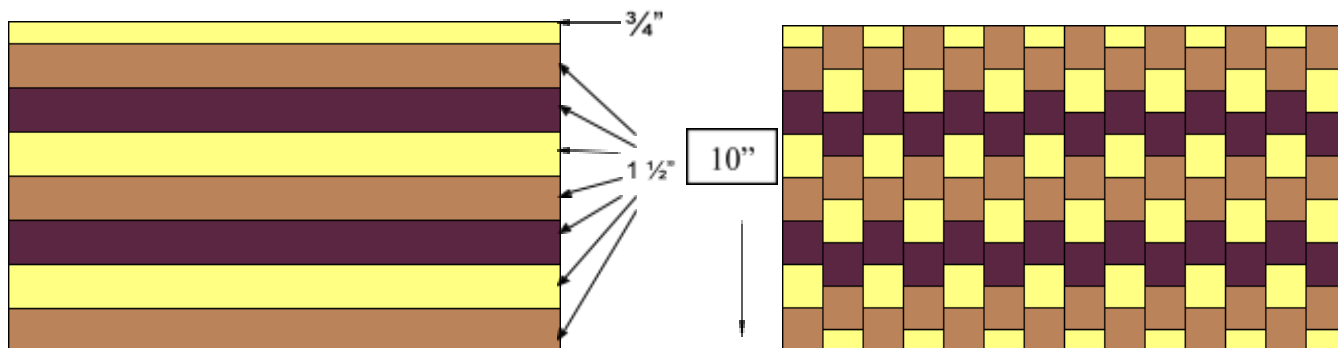
Name _____ Period _____ Locker # _____ Instructor Approval _____

Project Name **End Grain Cutting Board #2** Date Started _____ Points Earned _____

This plan sheet must be completed and signed by the instructor before you start your project.

PROJECT SKETCH

End Grain Cutting board # 2



Board foot formula:

$$\frac{TWL}{144} = BF$$

*** BILL OF MATERIALS ***

#		Th	W	L	Bd. Ft.	Material	Price per Bd.Ft.	Cost (\$)
1		1	3/4"	26				
3		1	1 1/2"	26				
2		1	1 1/2"	26				
2		1	1 1/2"	26				

* If you ruin a piece/part you must pay for any new material

Glue, Oil or Finish (\$) 5.00
Sandpaper, etc... (\$)

Total Project Cost

End Grain Cutting Board

1. Find wood types wanted – have instructor check wood types
2. For a 1-1/8 x 11 x 15 cutting board do the following.
3. Price out the material listed on the reverse side of this form.
4. Cut pieces to 26” in length
5. Joint one edge of each board
6. Cut strips on the table saw to widths listed on the cut sheet
7. Dry clamp strips using proper clamping methods (as per demo)-have checked by instructor
8. Glue and clamp
9. Scrape off excess dried glue
10. Plane or Wide belt to level the faces, no thinner than 3/4” or .75
11. Square off one end of the board in the miter box or miter saw
12. Set up a stop block on either the miter box or miter saw to cut pieces at 1-1/8”
13. Rotate strips to achieve the pattern you want.
14. Dry clamp in groups of 6 to 7 strips. (3 groups) when checked by your instructor you may glue.
15. Next scrape off excess glue and dry clamp the 3 sections together.
16. Glue the 3 sections together
17. Scrape off excess glue and wide belt to thickness (no less than 1”)
18. Take your project to the tablesaw and true up the 2 long sides, Instructor or designee must be present.
19. Router edges (optional-round corners)
20. Sand until saw marks are gone (on both the faces and edges) Have checked by instructor
21. Wet down lightly – dry – lightly sand
22. Instructors must clear your sanding as complete before seal is applied
23. Apply mineral oil. Let it cure (sit) for at least 24 hrs.
24. Wipe it dry with a paper towel and get it graded.
25. Take home and enjoy the compliments on a job well done.

MACHINERY

Jointer Table saw Miter saw Wide belt Router Finish sander
(Belt / disk sander)

Project Evaluation

(This must be completed before a grade is assigned)

Upon completion of your project, list how you feel by making a circle around one of the numbers from
1 “very unsatisfied” to 7 “very satisfied”

HOW DO YOU FEEL ABOUT:

☹️ VERY UNSATISFIED

😊 VERY SATISFIED

- | | | | | | | | |
|--|-------|---|---|---|---|---|---|
| 1. The way your plans directed construction? | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 2. Your choice of materials? (wood types) | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 3. How hard you worked, start to finish? | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 4. Your skills in machine operation? | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 5. The quality of your finished project? | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 6. What do you feel you could do better next time? | <hr/> | | | | | | |
| 7. What did you feel did well on this project? | <hr/> | | | | | | |
| 8. What did you learn about woodworking with this project? | <hr/> | | | | | | |