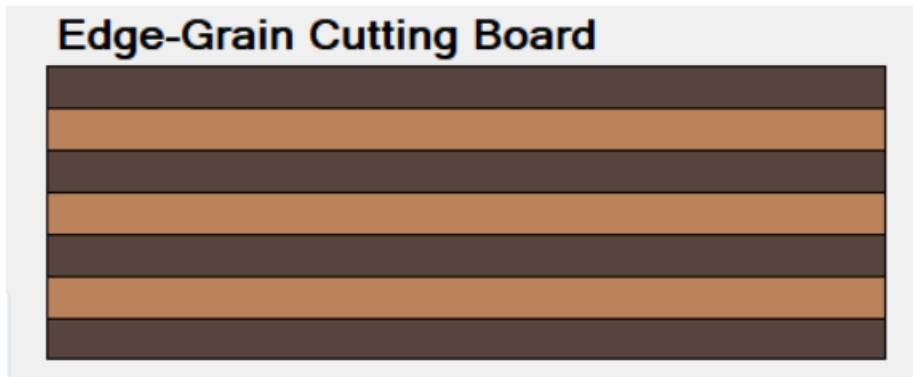




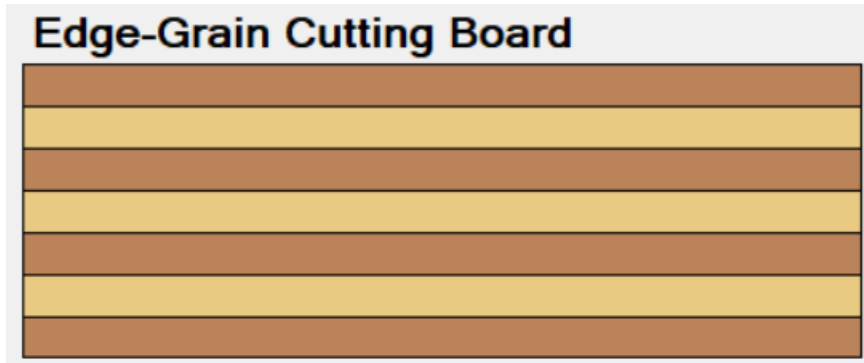
Smaller Plaid Board Dimensions: 10" Width, 15" Length, 1.5" Width
Blade Kerf: 0.125"

1. Make an edge grain cutting board of walnut and cherry.



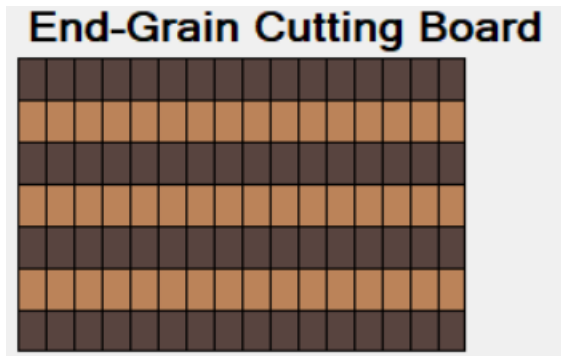
- a. Select your wood. I used the following:
Walnut: 5/4 Rough stock, 6.5" wide, 31" long
Cherry: 5/4 Rough stock, 5" wide, 31" long
- b. Ensure your wood stock is flat and square on at least two sides. I use a jointer to achieve this.
- c. Cut (4) walnut strips at 1.5" width each.
- d. Cut (3) cherry strips at 1.5" width each.
- e. Glue the walnut and cherry together, alternating each color starting with walnut.
- f. Plane board down and trim the edges so they are flush. The board should have the following dimensions:
Board thickness after planning: 1"
Board length with flush ends: 30"
Each strip 1.5" width

2. Make an edge grain cutting board of Cherry and Maple.



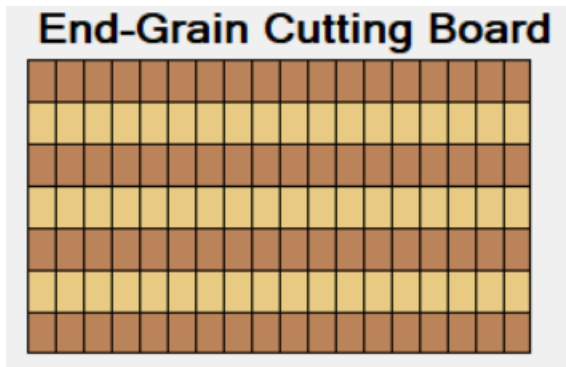
- a. Select your wood. I used the following:
Cherry: 5/4 Rough stock, 6.5" wide, 35" long
Maple: 5/4 Rough stock, 5" wide, 35" long
- b. Ensure your wood stock is flat and square on at least two sides. I use a jointer to achieve this.
- c. Cut (4) cherry strips at 1.5" width each.
- d. Cut (3) maple strips at 1.5" width each.
- e. Glue the cherry and maple together, alternating each color starting with cherry.
- f. Plane board down and trim the edges so they are flush. The board should have the following dimensions:
Board thickness after planning: 1"
Board length with flush ends: 34"
Each strip 1.5" width

3. Prepare an End-Grain cutting board from board (1). We want 16 dark strips.



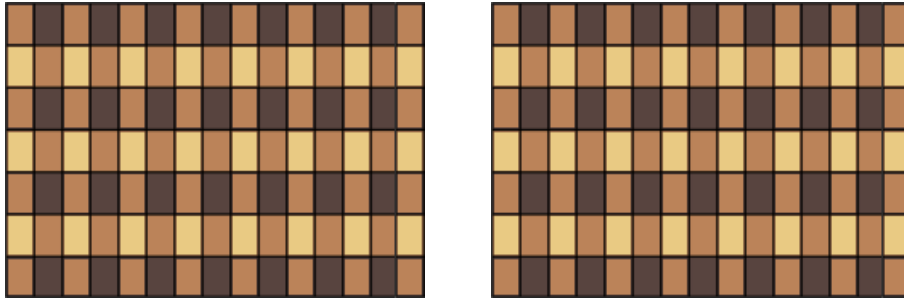
- a. Cross cut the edge grain board from (1) at a width of 1.75". There are a few methods to do this.
 - i. Using a table saw
 - ii. Using a band saw
 - iii. Using a miter saw
- b. With a 30" starting board, and assuming a blade kerf of 0.125", there should be 16 strips. We will use 14 of them (7 per board) and keep the other 2 as spares.
- c. Rotate each strip 90 degrees as if making an end-grain cutting board.
- d. Smooth the gluing surface of each piece with light sanding or, if necessary, a pass on the jointer.

4. Prepare an End-Grain cutting board from board (2). We want 18 light strips.



- a. Cross cut the edge grain board from (1) at a width of 1.75". There are a few methods to do this.
 - i. Using a table saw
 - ii. Using a band saw
 - iii. Using a miter saw
- b. With a 34" starting board, and assuming a blade kerf of 0.125", there should be 18 strips. We will use 16 of them (8 per board) and keep the other 2 as spares.
- c. Rotate each strip 90 degrees as if making an end-grain cutting board.
- d. Smooth the gluing surface of each piece with light sanding or, if necessary, a pass on the jointer.

5. Combine the end-grain strips to make our boards

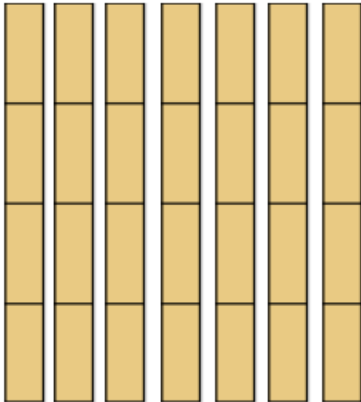


- a. Using 8 light strips and 7 dark strips per board, alternate between light and dark to create a checkerboard pattern.
- b. Glue each board together. Pay attention to the height of each piece as they tend to slide upwards as pressure gets added
- c. Once glued, flatten one surface

6. Make the maple strips, 7 per board at 0.125" thick.



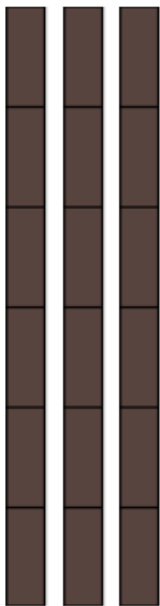
- a. Since our cutting board is 10" wide, we need to make a piece of maple that is 10" wide. We can glue up boards together, for instance (4) 2.5" boards. If we have 1" thick wood, we can glue it at 12" long and resaw it at close to 0.125"
- b. Crosscut the board at 1.5" (or more to allow tolerance for sanding) to yield 7 even strips.



7. Make the walnut strips, 3 per board at 0.125" thick.

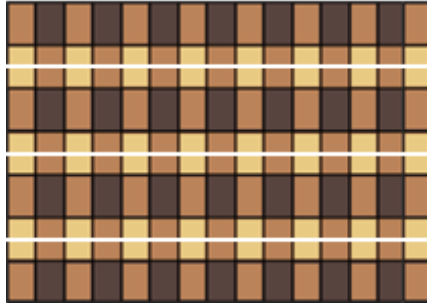


- a. Since our cutting board is 15" long, we need to make a piece of maple that is 15" wide. We can glue up boards together, for instance (6) 2.5" boards. If we have 1" thick wood, we can glue it at 6" long and resaw it at close to 0.125"
8. Crosscut the board at 1.5" (or more to allow tolerance for sanding) to yield 3 even strips.

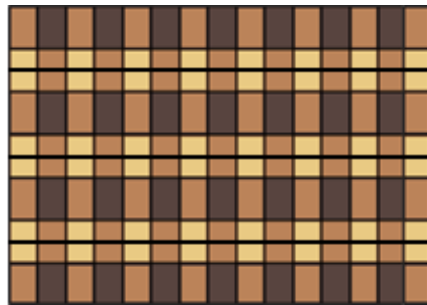


9. Add walnut end grain strips

- a. Slice the board in 4 even sections

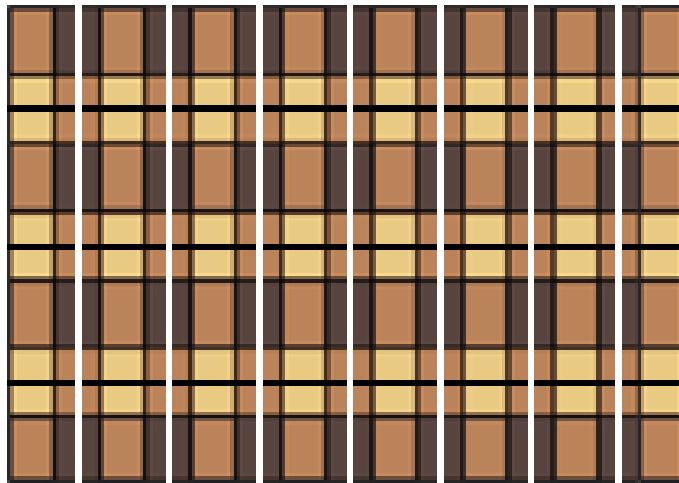


- b. Glue in the walnut strips with end grain facing up

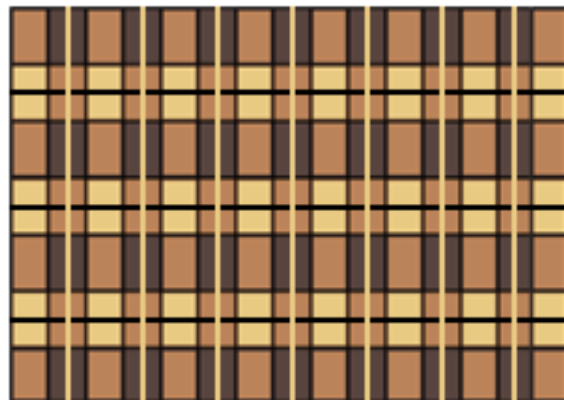


10. Add maple end grain strips

- a. Slice the board in 8 even sections



- b. Glue in the maple strips with end grain facing up



11. Sand the board

12. Apply finish