

PROJECT #33	Template Needed	POWER TOOL NEEDED									
		Grade Level: 6th-8th Grade 7th-8th Grade									
		Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

[illegible]

PROJECT #33	Template Needed	POWER TOOL NEEDED									
		Grade Level: 6th-8th Grade 7th-8th Grade									
		Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

[illegible]

PROJECT #33

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

Template Needed	POWER TOOL NEEDED									
	Grade Level: 6th-8th Grade					7th-8th Grade				
	Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

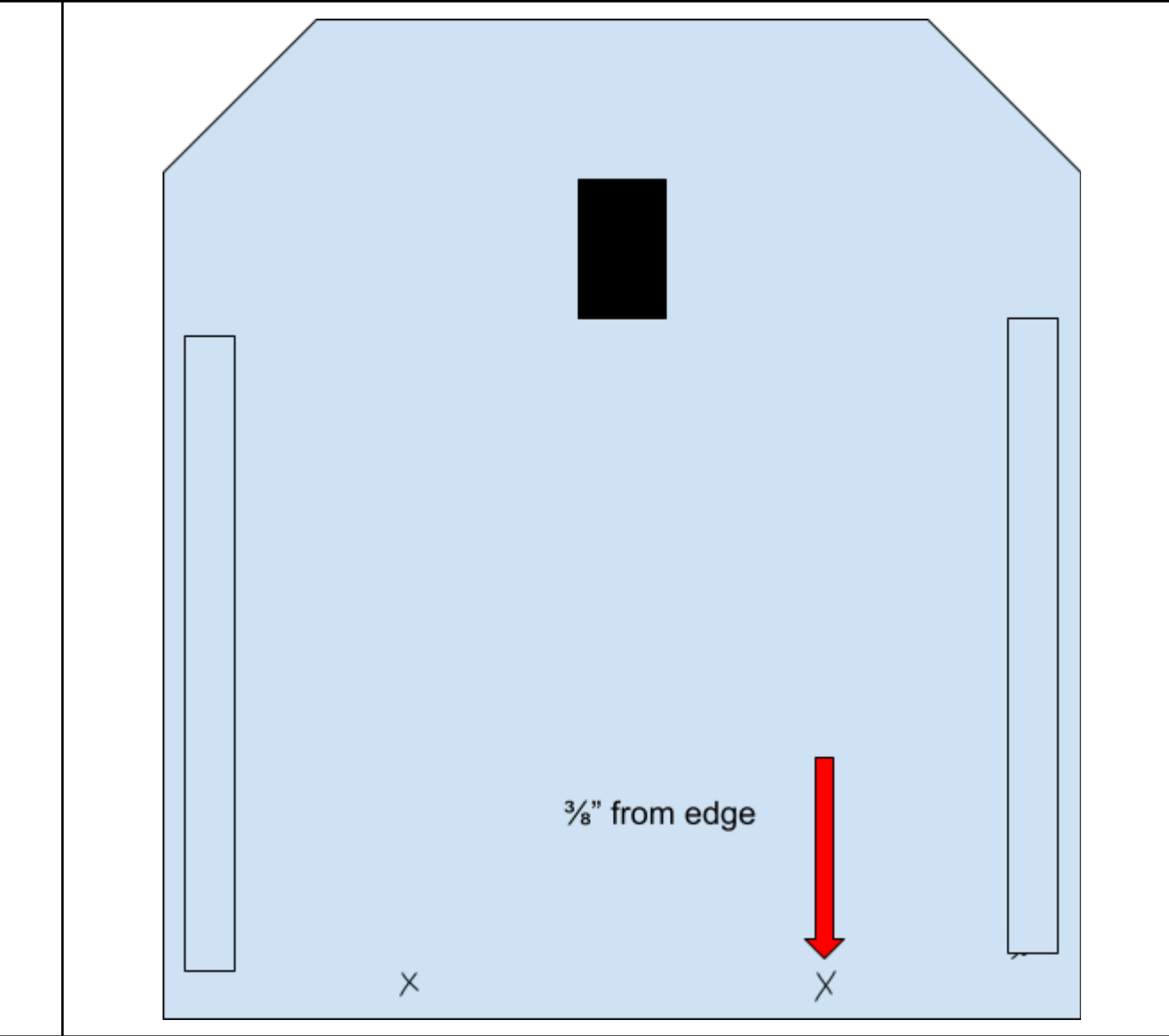
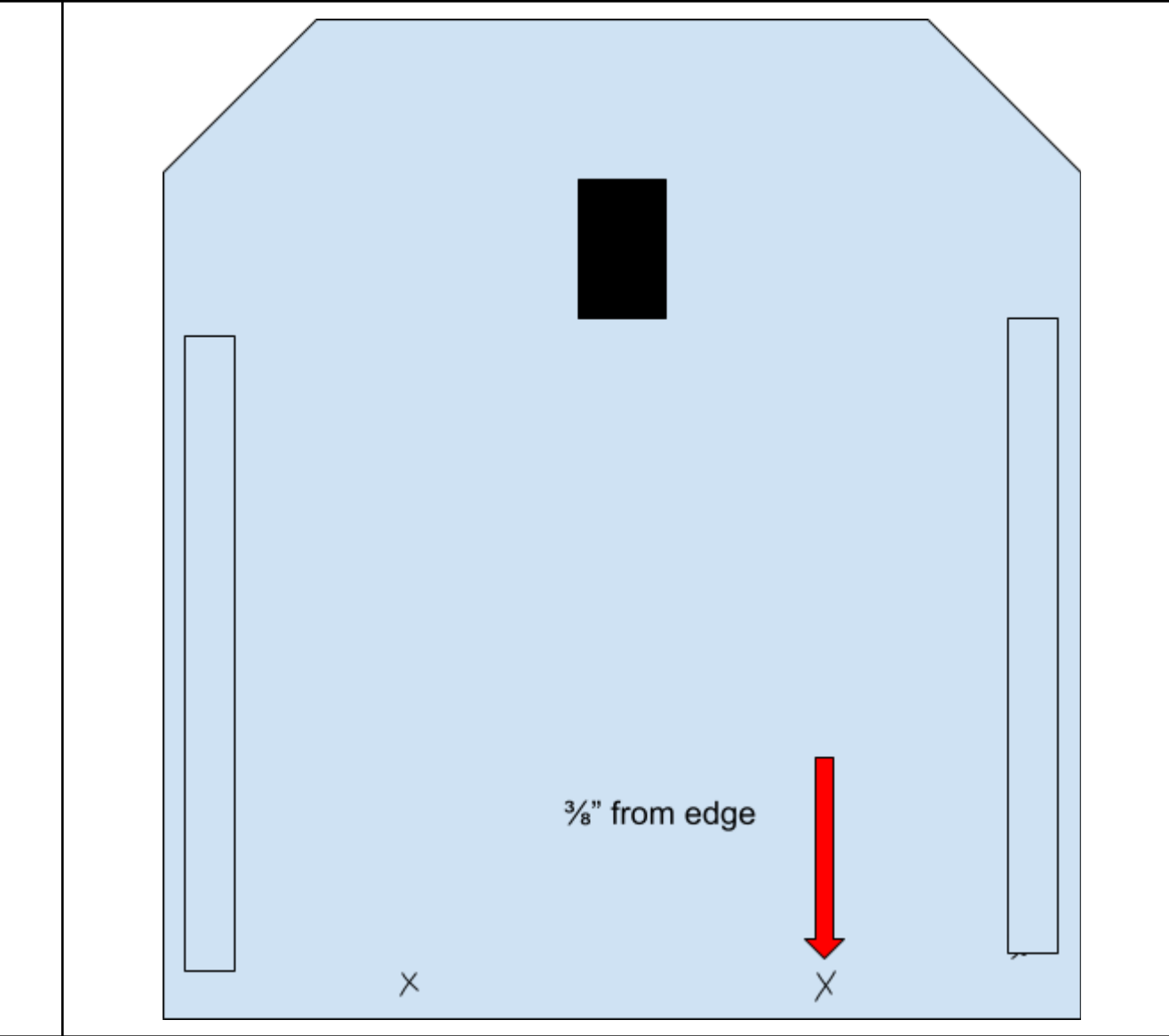


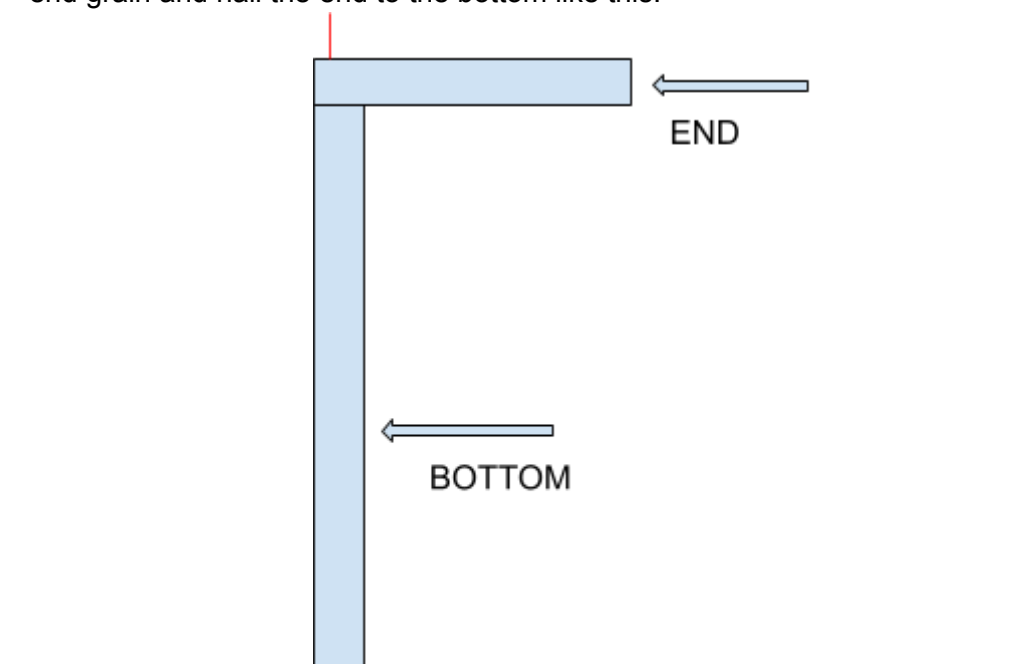
Diagram of a light blue rectangular plate with a black rectangular hole at the top center. Two vertical light blue strips are on the left and right sides. A red arrow points down from the text "3/8" from edge" to a mark "X" on the bottom edge. Another "X" is on the bottom edge to the left.



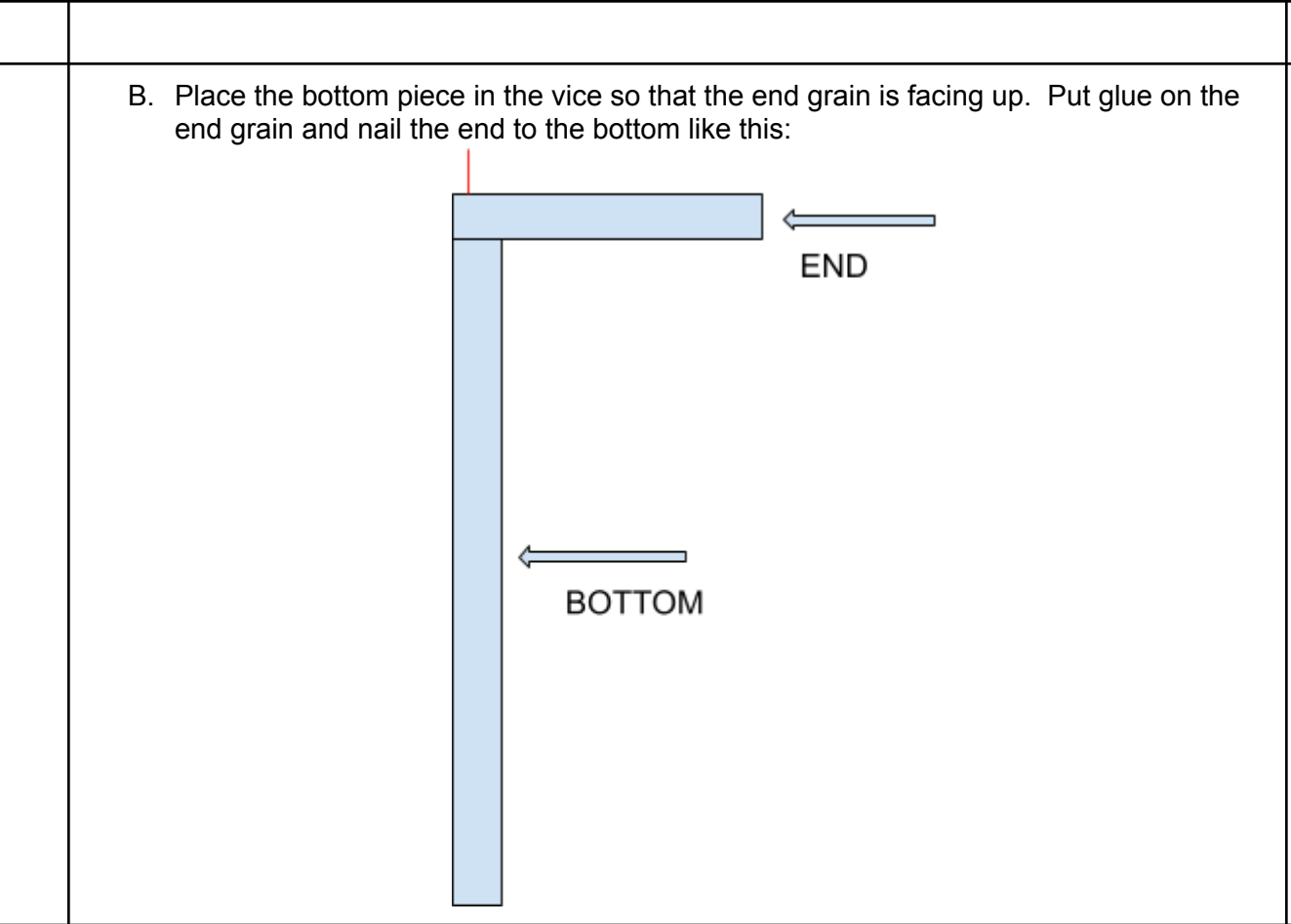
PROJECT #33

POWER TOOL NEEDED									
Grade Level: 6th-8th Grade					7th-8th Grade				
Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cardless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

B. Place the bottom piece in the vice so that the end grain is facing up. Put glue on the end grain and nail the end to the bottom like this:



The diagram illustrates the assembly of a corner joint. It shows two light blue rectangular pieces. One piece is oriented vertically and is labeled 'BOTTOM' with a horizontal arrow pointing to its top end grain. The other piece is oriented horizontally and is labeled 'END' with a horizontal arrow pointing to its right end grain. The horizontal piece is being attached to the top of the vertical piece, with its end grain facing the vertical piece's end grain. A red vertical line is shown at the top of the vertical piece, indicating the position of the joint.



	A. Nail the other end to the bottom
--	-------------------------------------

7.	ATTACH THE SIDES
----	-------------------------

[illegible]

PROJECT #33	Template Needed	POWER TOOL NEEDED									
		Grade Level: 6th-8th Grade 7th-8th Grade									
		Bandsaw	Tracksaw	Scrollsaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

	A. Like on the ends, set nails $\frac{3}{8}$" from the edges of your sides like this: 		X								
	B. Now glue and nail the sides onto the bottom/end unit that you've already nailed together, like this:		X								

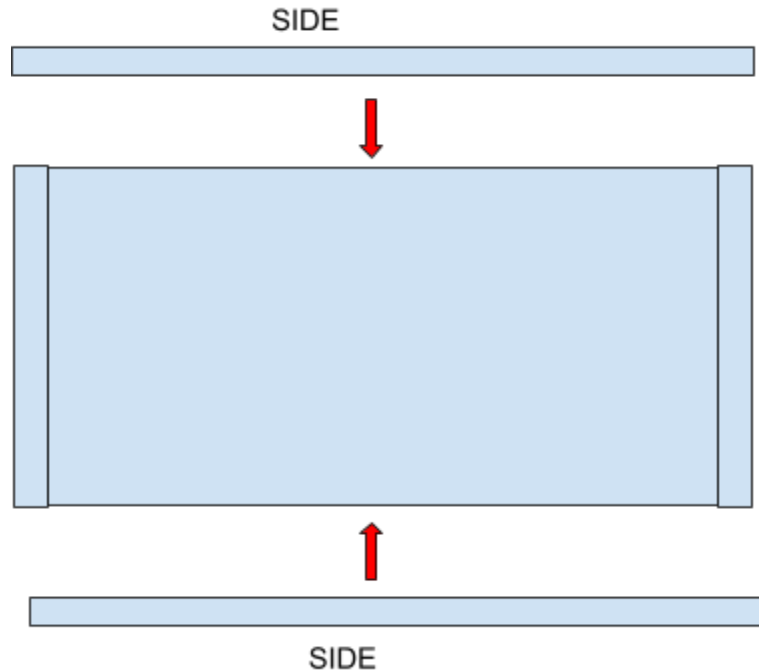
PROJECT #33

Template Needed

POWER TOOL NEEDED

Grade Level: 6th-8th Grade 7th-8th Grade

Bandsaw	Track saw	Scroll saw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.
---------	-----------	------------	-----------------	----------------	-------------	--------------	----------------	----------------	-------------



9.

SAND THE BOX

A. Wood fill all the holes and use an orbital sander to sand the box until it looks nice and even.

CUT OUT THE HANDLE: Approximate wood size 1 ¼" x 16 ½"

A. Ask an adult to rip a piece of wood that is at least 16 ½" long to 1 ¼" (you can't rip this narrow on the bandsaw)

X

X

PROJECT #33	Template Needed	POWER TOOL NEEDED									
		Grade Level: 6th-8th Grade 7th-8th Grade									
		Bandsaw	Tracksaw	Scollisaw	Pocket H. Mach.	Cordless Drill	Drill Press	Table Router	Spindle Sander	Orbital Sander	ADULT OPER.

[illegible]