



PERGOLA BUILD MATERIALS

Tape measure, T-square, carpenters square and marking pencil

Circular saw and extension cord (if not battery powered)

Saw horses

Impact drill with bit set including long bits

Level

Hammer

Shovel, tree spade, post hole diggers (or, optional power auger)

8-foot step ladder

Work gloves, safety glasses and ear plugs

(3) 80 lb. bags of quick-dry cement

Garden hose with water source

Grade stakes and mason twine

(1) 5 lb. box of 2 1/2" wood deck screws

(3) 50-count boxes of 8-inch, 3/8" hex-head wood screws



PRE-CUT BOARD LIST

- (4) 6" X 6" X 11' Treated Posts
- (4) 2" X 6" X 14' Treated Lumber
- (11) 2" X 6" X 12' Treated Lumber
- (4) 2" X 6" X 4' Treated Lumber
- (4) 2" X 6" X 3', 4 5/16" Treated Lumber
- (13) 2" X 2" X 14' Treated Lumber



Final Product Build Appearance

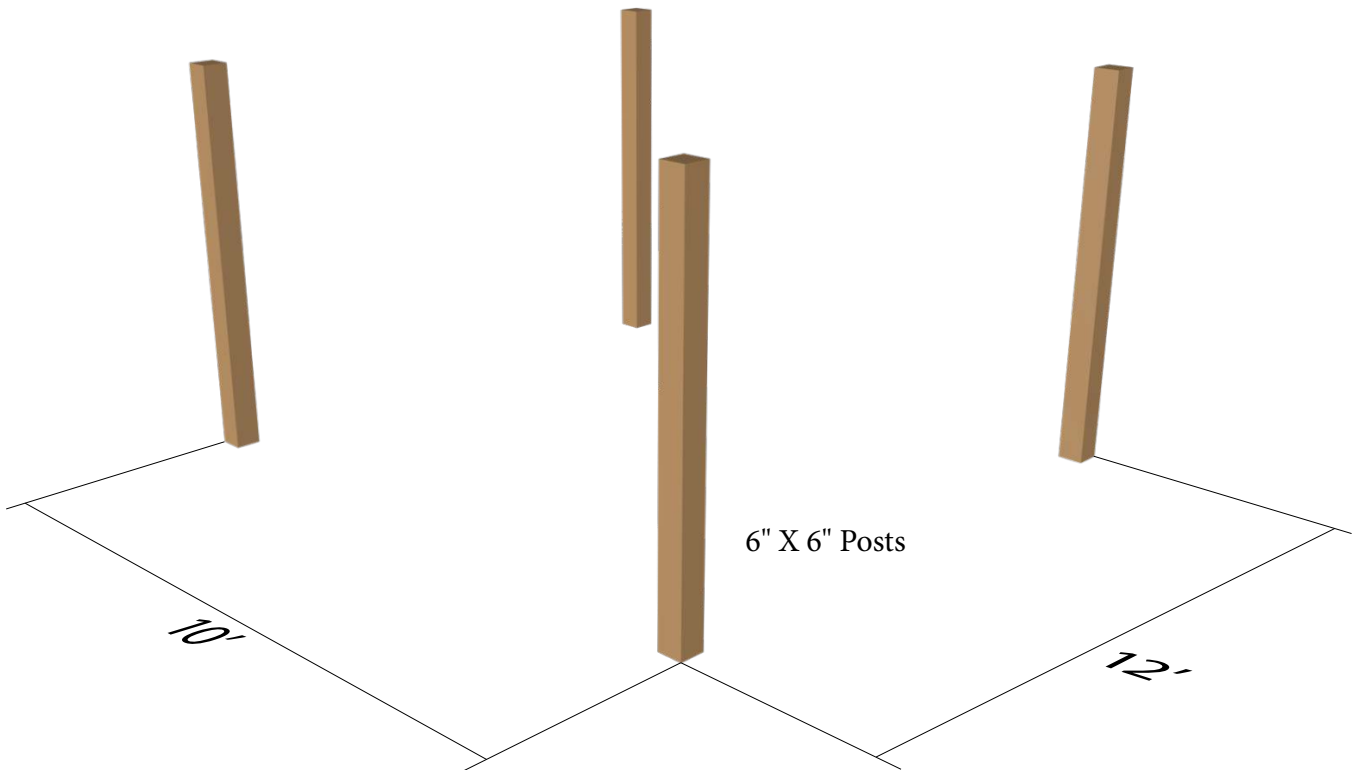


PERGOLA BUILD MATERIALS LIST & BUILD STEPS

STEP-BY-STEP INSTRUCTIONAL

PERGOLA BUILD STEPS

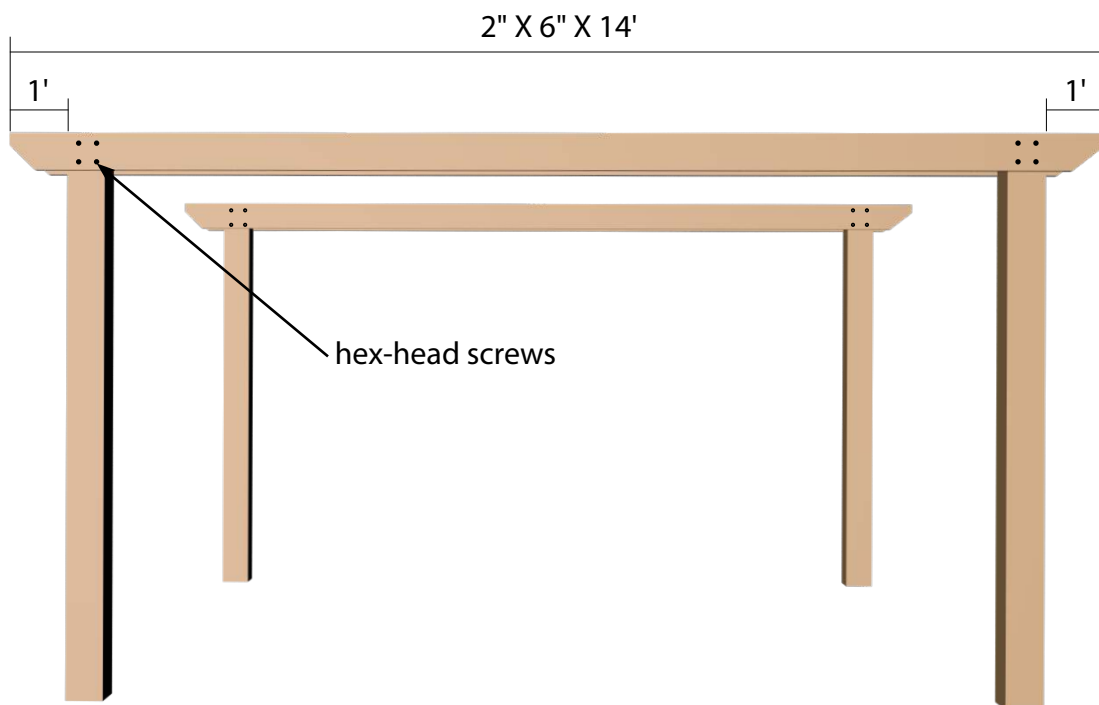
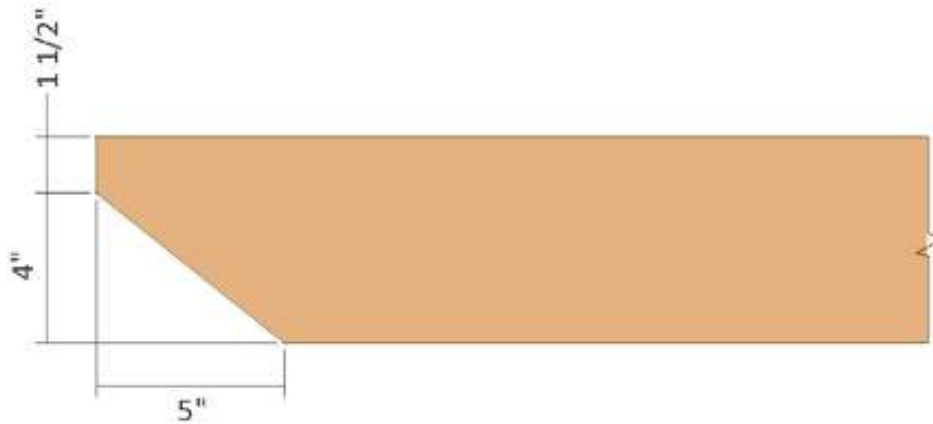
Cut four 6" X 6" posts to 11' long. Install in a 10' X 12' area as shown in the illustration, below. Measure and ensure area is squared. Set posts with quick-drying cement in approximately 36-inch-deep holes. Ensure posts are plum.





PERGOLA BUILD STEPS

Cut four 2" X 6"s to 14' long. Cut four 2" X 6"s to 12' long. Cut the ends of the boards as shown in the illustration, below.



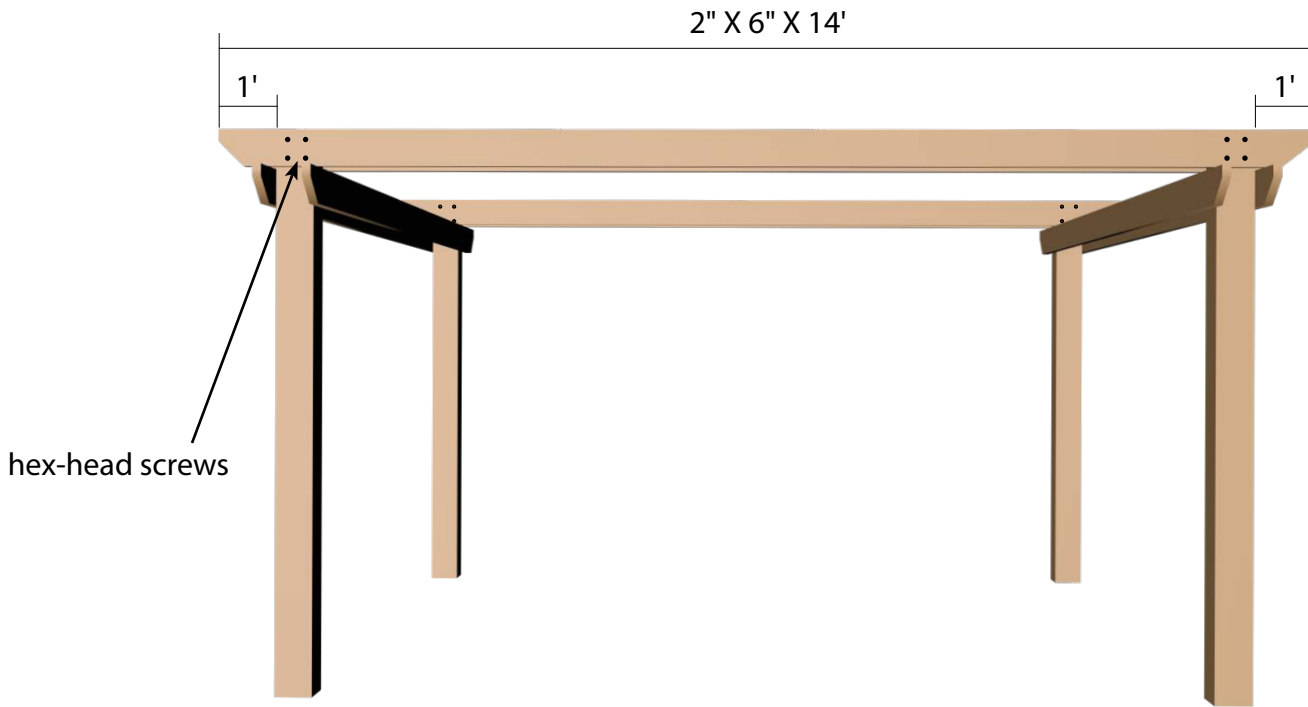


PERGOLA BUILD MATERIALS LIST & BUILD STEPS

STEP-BY-STEP INSTRUCTIONAL

PERGOLA BUILD STEPS

Install the four 2" X 6" X 14' boards to the sides as shown in the illustration, below. Use clamps to hold boards in place, drill holes through post and boards, and secure with 8" hex-head screws.





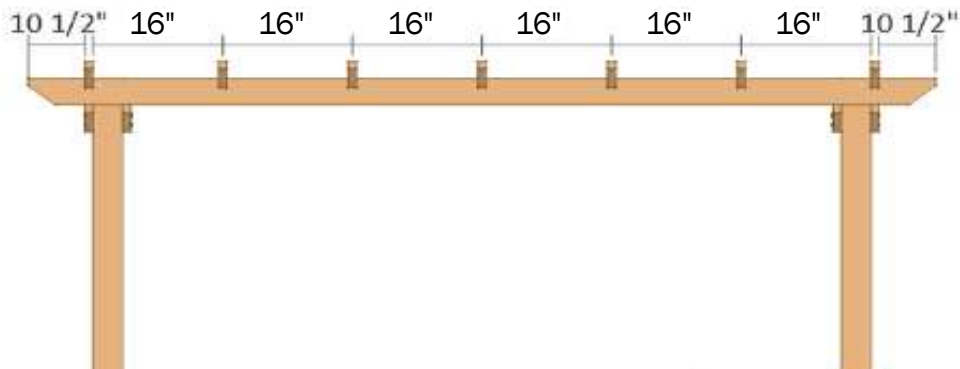
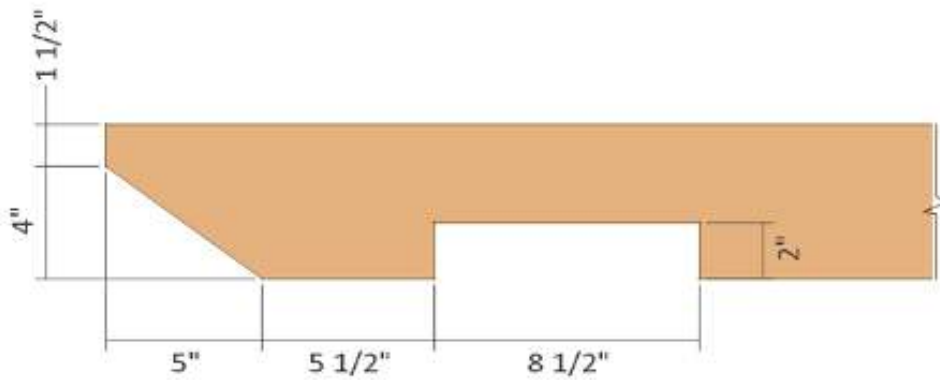
PERGOLA BUILD MATERIALS LIST & BUILD STEPS

STEP-BY-STEP INSTRUCTIONAL

PERGOLA BUILD STEPS

Cut 10 2" X 6"s to 12' long. Cut the ends of the boards as shown in the illustration, below.

Install the 10 2" X 6" X 12' boards as shown in the illustration, below. Pre-drill holes and screw 8" hex-head screws through the top of the board, and into the bottom board.

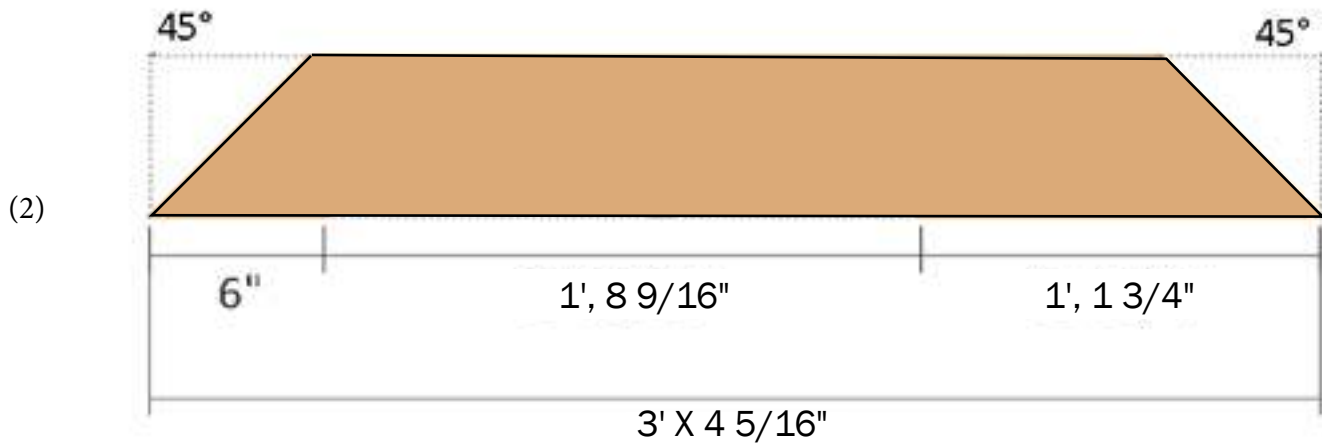
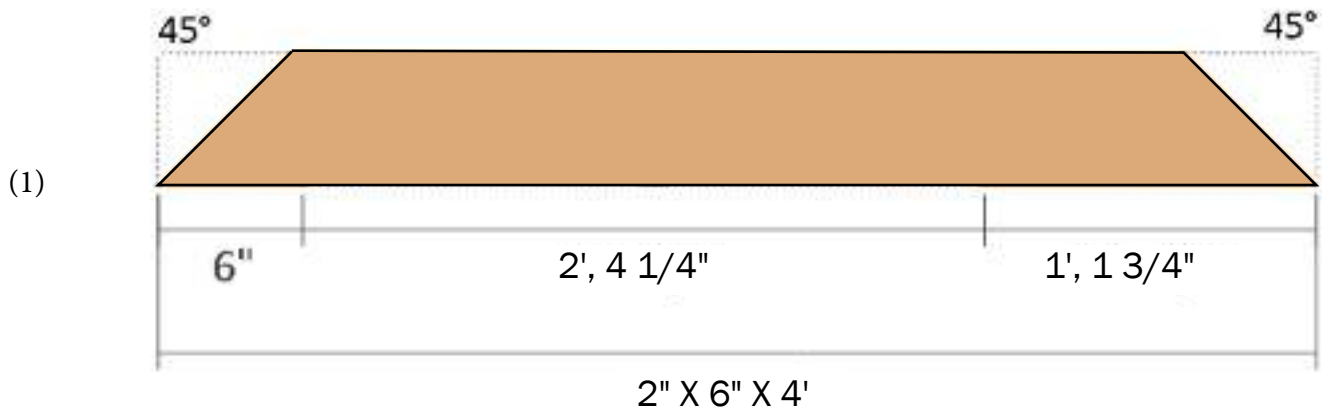




PERGOLA BUILD STEPS

Cut four 2" X 6" front and back braces to 4' long, as shown in illustration (1), below.

Cut four 2" X 6" side braces to 3', 4 5/16" long, as shown in illustration (2), below.



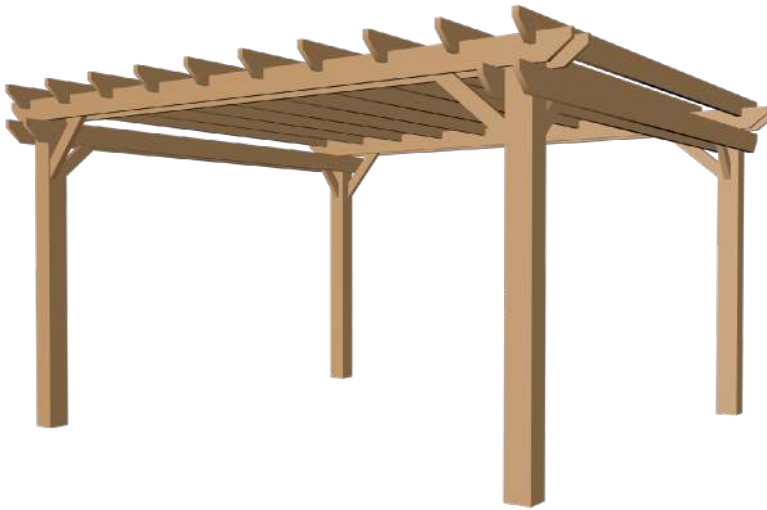


PERGOLA BUILD MATERIALS LIST & BUILD STEPS

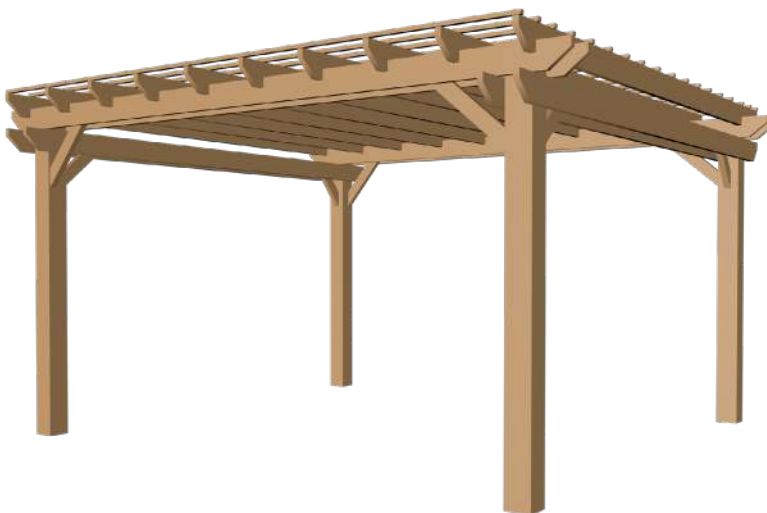
STEP-BY-STEP INSTRUCTIONAL

PERGOLA BUILD STEPS

Pre-drill holes and install the 2" X 6" corner braces using 3" deck screws.



Cut 13 2" X 2" boards to 14' long. Space boards 1' apart. Pre-drill all holes and screw 3" deck screws through the top of the 2" X 2"s, and into the 2" X 6" bottom boards.





DECKING BUILD MATERIALS

RIM JOISTS

- (2) pieces of 2" X 10" lumber (Cut to 144" long)
- (2) pieces of 2" X 10" lumber (Cut to 120" long)

JOISTS

- (8) pieces of 2" X 8" lumber (Cut to 144" long)

DECKING

- (26) pieces of 5/4" deck boards (Cut to 120" long)

(16) 2" X 8" face-mount joist hangers

(2) 5 lb. boxes of 3" wood deck screws

(1) 50-count box of 8-inch, 3/8" hex-head wood screws

Note: If you purchased 3 boxes to build the pergola, you have enough left to complete this project.

Tape measure, T-square, carpenter's square and marking pencil

Circular saw and extension cord (if saw is not battery powered)

Sawhorses

Impact drill with bit set

Level

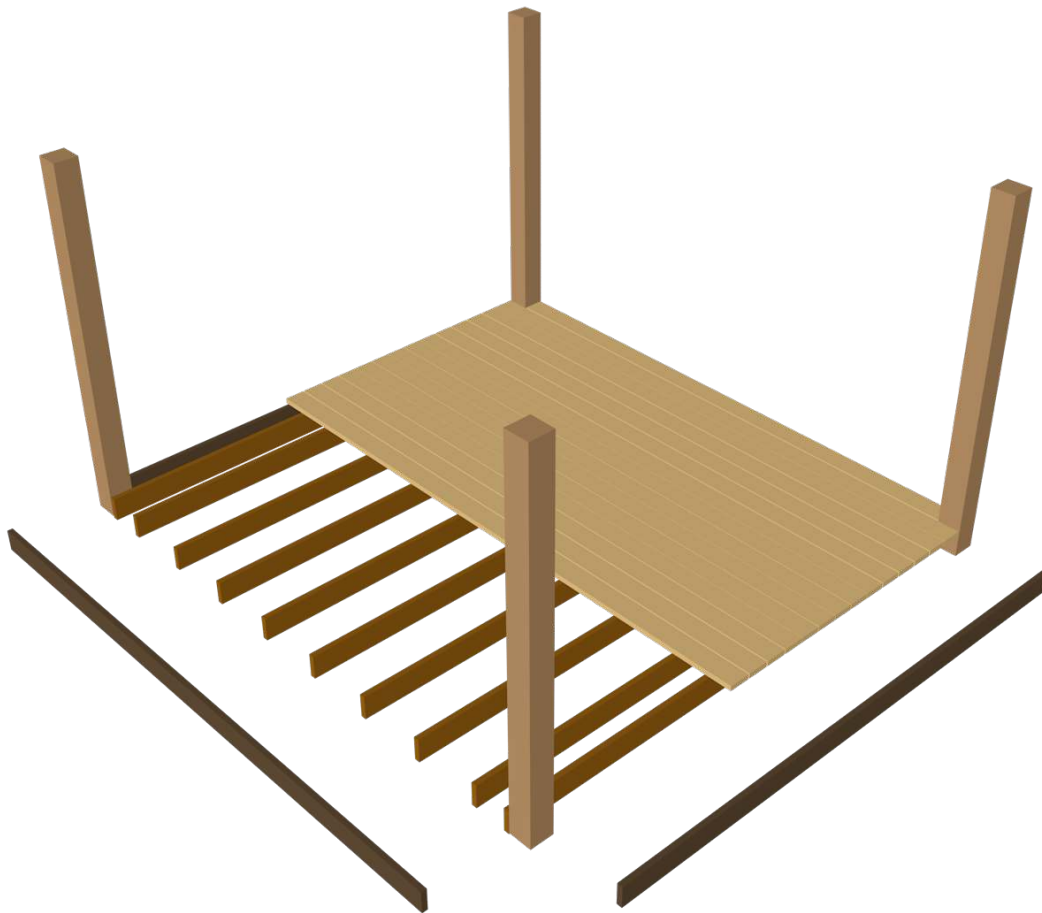
Hammer

Work gloves and safety glasses



PERGOLA DECK BUILD STEPS

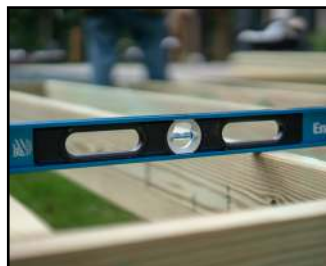
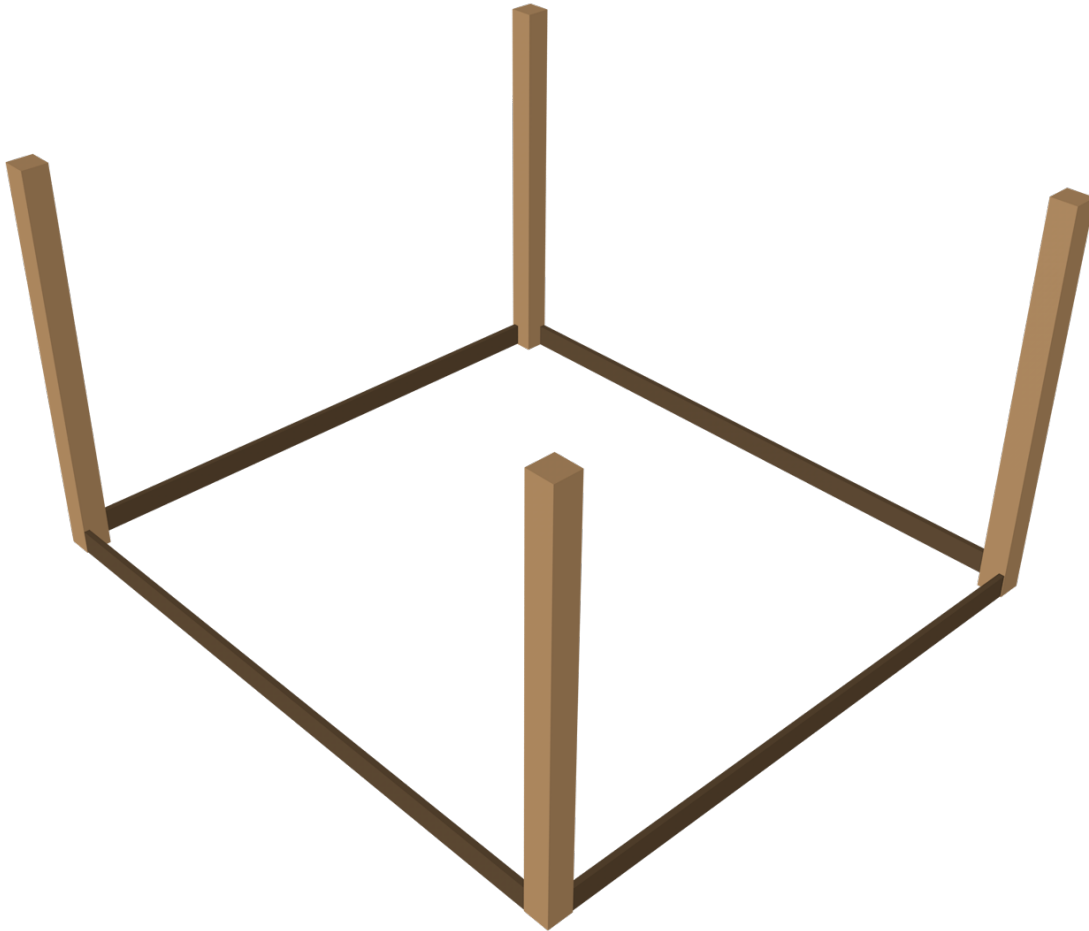
Adding a deck floor is a fantastic way to create a solid, level surface that takes your pergola to the next level. Adding a floor gives you the freedom to build a pergola anywhere you want, and add a little extra shade or place to gather.





PERGOLA DECK BUILD STEPS

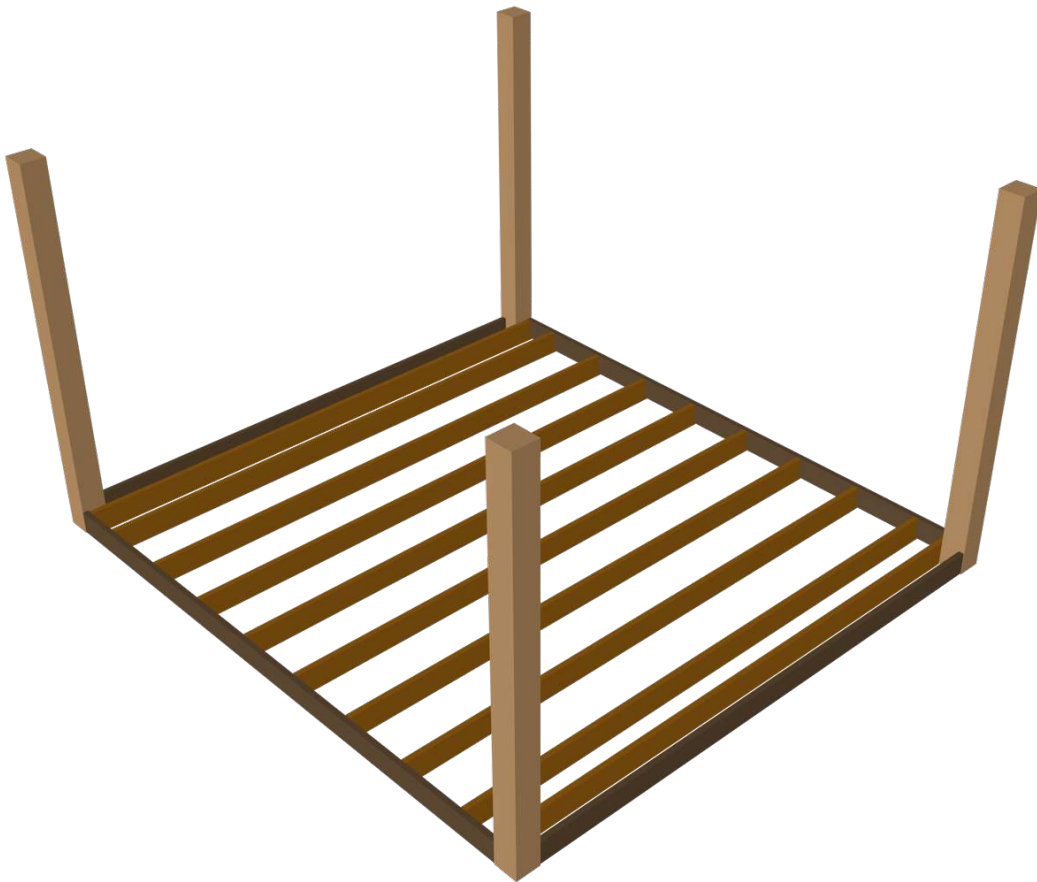
Begin the project by installing the 2" X 10" floor joists. Place two joists on each side of the pergola at least two inches above the highest point of the ground beneath it. Secure the floor joists using 8" hex-head wood screws. Be sure to place a level on each joist before securing it to the four corner posts.





PERGOLA DECK BUILD STEPS

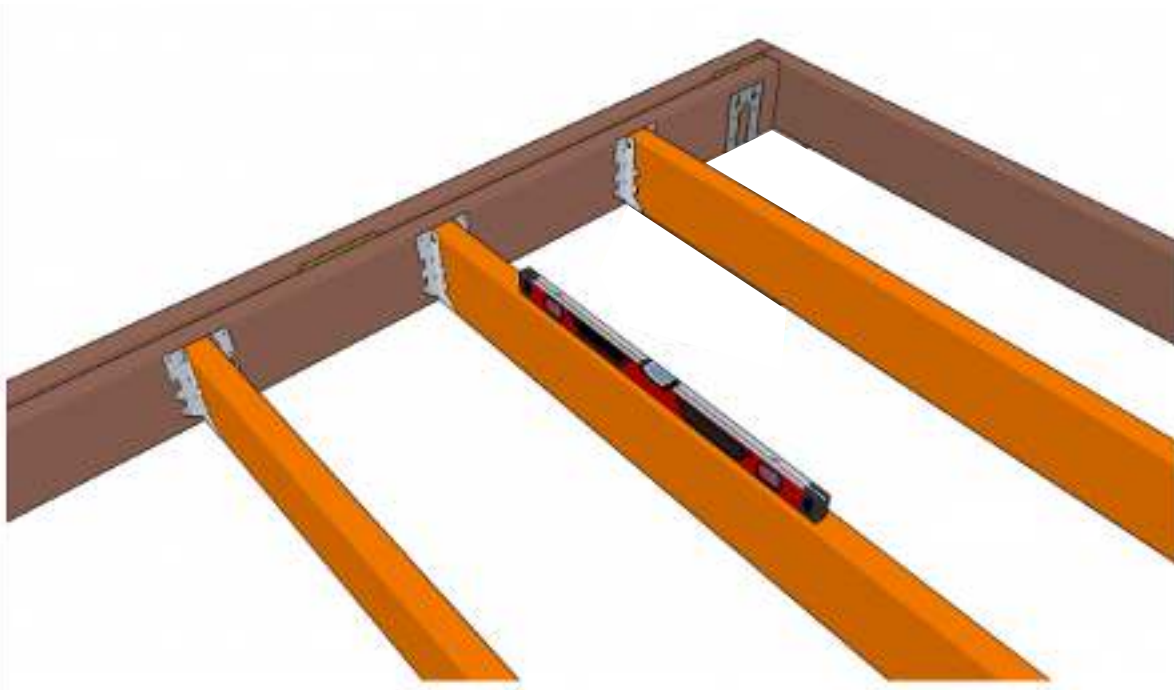
The next step of the project is to fit the intermediate joists. As you can notice in the plans, you should leave 16" off center between the joists in order to enhance the rigidity of the frame.





PERGOLA DECK BUILD STEPS

For our decking, we drilled pilot holes through the joists and attached them into the ends of the beams using 8" hex-head screws. If you're a DIYer, we recommend that you use joist hangers when fitting the beams to the frame. Don't forget to check that each joist is level.





PERGOLA DECK BUILD STEPS

Installing the deck is a straightforward job. We chose to enhance our pergola by using a “picture frame” pattern with our deck boards around the outer two runs, but you can use an end-to-end installation style that most decks follow if you want to keep it simple.

Cut your 5/4" deck boards to 120" and align them with your front-facing joist. Look at the end of your board and make sure you turn the wood grain facing down to prevent future cupping. Attach each board using 2 1/2" wood deck screws. Place a nail or screwdriver between each deck board when aligning it with the next to achieve beautiful, consistent gaps across your floor.

