

## Simple DIY Grow Light Shelves

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Simple is no overstatement. By adopting the design and directions from [Old World Garden Farm's website](#), a small group of unexperienced young adults assembled their own seed-starting grow light stand within a couple hours. The tools and materials can be purchased at any hardware store and are as follows:

### Materials:

(9) 2 x 4 x 8 feet cedar wood planks

(4) Hanging shop lights

(1) 4' x 8' sheet of plywood

(50) 3" screws

(8 to 12) 2" screw hooks

### Tools:

Circular or chop saw

Tape measure

Screw gun

The 2 x 4 x 8' cedar wood plans will need to be cut into the following sizes:

(4) 6 feet long, (8) 4 feet long, (8) 2 feet long

The 4' x 8' sheet of plywood will need to be cut into two 27" x 4' pieces. These will become the shelves of the stand.

The primary step is constructing the stand's frame. This is done by attaching (2) rectangular shelf supports connected by the (4) 6' long cedar wood planks. Create a rectangle by placing two 2' wood plank pieces at the ends of two 4' pieces. Make sure to place the pieces in a way that creates a 90 degree angle in each corner. Using a drill, drive a screw into the top and bottom of the connection and repeat on each corner until the four pieces are connected in a rectangle shape. You will need four of these rectangles total.

Next, place one of the 6' boards on the end of the outside edge of where the 2' and 4' pieces meet. Make sure the 6' board is straight and at a 90 degree angle (use a level to insure), then drive a screw into place with a total of 4 screws (2 into the 2' board and 2 into the 4' board). Repeat with the other (3) 6' boards on each side and finally, screw in one more rectangle on the top the same way as instructed in the first paragraph. Again, the use of a level is suggested while attaching these pieces. Take a step back and admire what has already become of your DIY grow light stand. You are on your way!

Attach the final two rectangles by screwing them into the 6' long board "legs." These are your two shelves where you will place your indoor seeding. Slide in the (2) 27" x 4' plywood shelf boards a secure by driving a few screws into the support frame.

Now that you have all of your shelves securely in place, you can assemble your lights. Create a small, pre-drilled hole to install (2) hooks on each side of the shelf, spaced evenly on the 2 foot end bars. Adjust the hanging light's small chain and S hook according to the height you prefer. Additionally, it's best to use a small power strip on the side of your stand to make it even easier to operate.

Guess what? That's all there is to it. Refer to the photos for more direction and inspiration, but most importantly, enjoy your handmade growing light shelf stand!

