Materials List

Use of 1 x 3-inch Strapping is recommended for the frame. Strapping is inexpensive, strong and usually comes in bundles of 10 pieces at either 6 foot or 8-foot lengths. 1 bundle of 6-foot length will be more than enough to make a frame.

1 x 3-inch Strapping
- 2 pieces x 70”, (for the level 2 shelf frame, the extra length gives you a handle).
- 9 pieces x 60”, (3 of these are to hang the top lights; 4 are for the two end frames, bottom right), 2 are for the bottom shelf frame).
- 11 pieces x 24”, (3 for each of the two shelves = 6, 3 for one end frame, 4 for the second end frame – allowing you to attach an electrical plug strip to the one marked as such).
- Wood for the two shelves can be made of any material – old pine planking, ½” or ¾” plywood or whatever you have on hand. You will need enough to cover the two shelves frames each shelf being 24” wide by 60” long.
- 12 cup hooks to hold the chains for the lights. 2 on each of the 3 top light hanging pieces of strapping for hanging lights over shelf number 2. The other 6 go on the bottom shelf # 2 to hang the 3 sets of lights for shelf number 3.
- 1 1/2-inch sheet rock screws for building the frame and attaching the platforms.
- One plug strip to attach to the frame and plug your lights and seedling heat mat into.
- One timer to plug the light strip into and set timer for 14 to 16 hours of "daylight".
- 6 sets of shop lights. Buy the ones that come with chains. They are the cheapest, usually ranging from $15-20 each. If you like start with 3 sets of shop lights for the top shelf and buy 3 more when you expand onto the lower level as your budget allows
- Recommended 1 seedling heat mat. Bottom heat is critical for uniform and high percent seed germination. Only use until the seeds germinate then remove from bottom heat.

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