

# ACTIVITY SIX: MAKING A BOX

## Materials needed from the kit:



Tool belt



Hard hat



Lumber (6 pieces pre-cut)



Hammer



Sandpaper



Phillips screwdriver



Hammer holder



Nails (3d)



Package of hinges



Safety goggles

## Materials you need to get (optional):

Paint

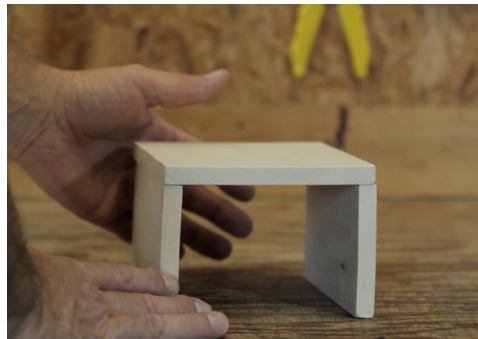
**In this activity, you will learn to:**

- Use information and skills you developed in the preceding activities to build a wooden box.

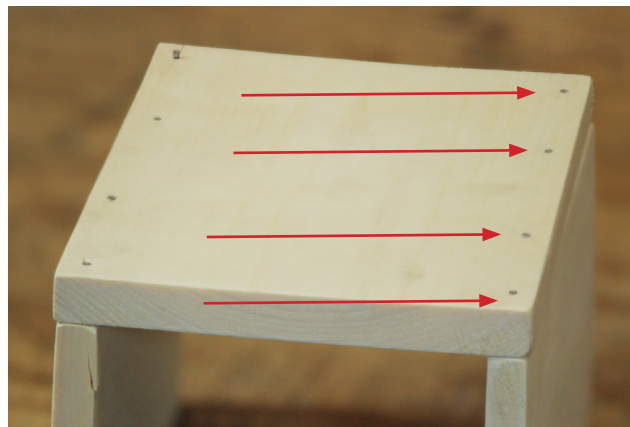


**Procedure:**

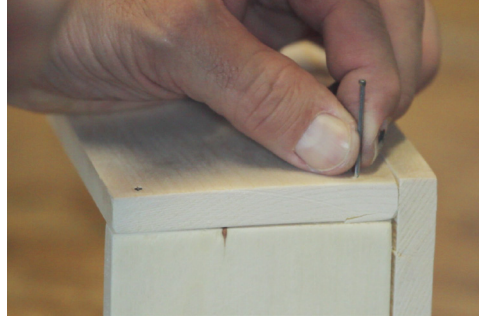
1. Put on safety goggles, tool belt with hammer holder and hammer, and hard hat. Get the 6 pieces of lumber. Carefully line up the two sides to the bottom.



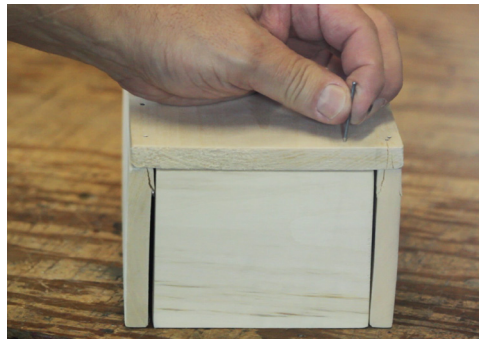
2. Use four finishing nails to secure each side. Start with one nail at each end then space two in the middle.



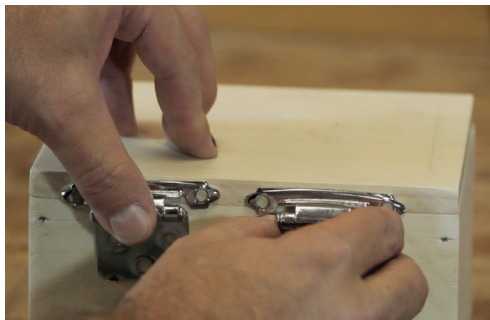
3. Turn the box over. Now put one end in place. Turn the box back over. Nail at the bottom and sides.



4. Nail the remaining end on the box.

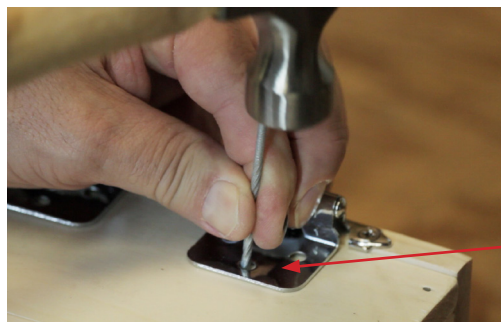


5. Now put the top on the box. The two hinges will be put on.



6. Start with the top two screws on the hinge (mounting to the lid). Do not tighten the first screw all the way until you have the next screw in.

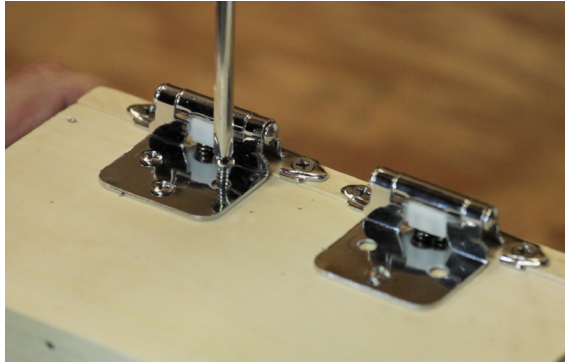
Hint: Use a nail to make a starter hole for the screw. Tap it slightly and wiggle around to make a hole.



Nail hole



7. Next mount your hinge to the box. You will need three screws. Follow the same procedure as above for these three screws.



8. Now your box is built. Sand the edges if rough and give a light sanding to the entire box.



9. Paint or decorate it any way you wish.