

WORKSHOP EXTENSION ACTIVITY

Built by The Home Depot Kids Workshop

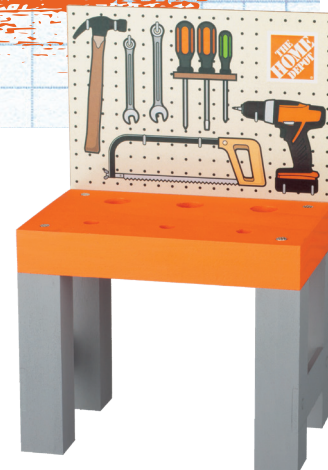
June Tool Bench

Ages 5-12

CONNECT

While it's one thing to buy furniture that's already put together or to ask a carpenter to make repairs, there's no better feeling than knowing that you built something yourself. And when you have the tools you need, the possibilities for design and construction are virtually endless!

A tool bench holds tools as well as provides a space to work. Let's first identify some of the tools and supplies that a tool bench *could* hold.



Hammer



What tools could help you...

Saw



Wrench



Hang up a picture?
Tighten your bike wheel?

Drill



Build a bookcase?
Attach the legs of a chair?

Screwdriver



INVESTIGATE.

While your Tool Bench may not be big enough to hold all of the tools above, it could certainly store some of the supplies that are used *with* tools to attach (or fasten) different materials together. For instance:



Nails are an easy way to attach two pieces of wood or hang a picture.



Screws are similar to nails, but have ridges that make them even stronger.



Nuts and Bolts: Unlike nails and screws, a bolt goes all the way through the materials being fastened and out the other side! A nut then goes around the end of the bolt to help hold it in place.



Washers are often used with nuts and bolts. Washers can help secure the nut or make sure the nut/bolt doesn't damage the material being fastened!

Think about what you or someone in your family may use tools for. Which of the fasteners above may be useful? Mark your choices with a checkmark.



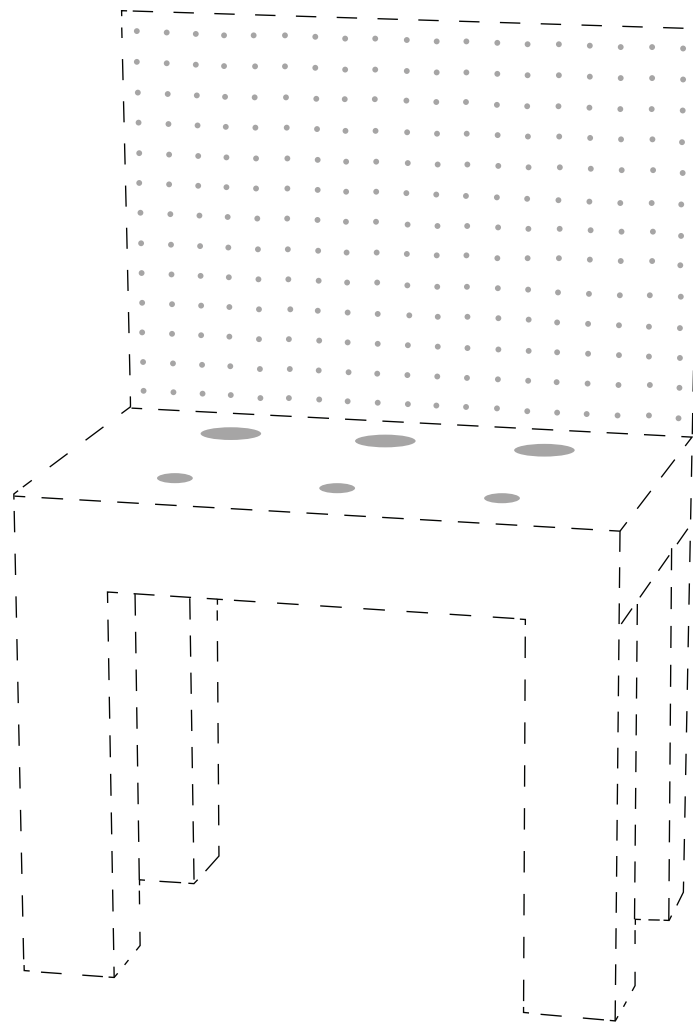
INNOVATE.

Now let's add some extra compartments to your Tool Bench to store the fasteners that you just selected.

You'll need:

- The fasteners that you chose: Nails, Screws, Nuts and Bolts, and/or Washers
- Some or all of the following:
 - Burlap landscape fabric
 - Command Hooks
 - Scissors
 - Super glue
 - Water cooler cone cups
 - Frosty Plastic Small Drawer Organizers

1. Look at the materials you have available, as well as the fasteners that you want to store. Then brainstorm how you could *add* storage to your Tool Bench so that each fastener is in a different compartment. Think about what you could attach to the back, sides, and/or underneath the Tool Bench to make this possible.
2. Hold the different storage options against your Tool Bench to test your ideas. Once you have a solution in mind, sketch it onto the Tool Bench plan below.
3. When you're happy with your plan, use the super glue to secure the new storage areas, and then fill each one with a different fastener. Once every compartment is filled, you're ready to build!



MAKE. CREATE. EXPLORE.