



Complete Starter Kit for Builder Kit: Design Challenges!

What's included: Starter tool set, scrap wood of various sizes, safety glasses, wood glue, sanding sponge, bag of hardware (nails + screws), and replacement saw blade.

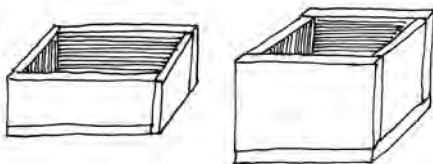
Safety note: Wear your safety glasses at all times and make sure you have an adult builder buddy to help you. Always wear closed-toed shoes when building, tie your hair back, and no dangly hoodie strings or jewelry. Use clamps or have your buddy secure your materials firmly when attaching pieces using a hammer or screws.

Hooray! You've just become the proud owner of your own tool set! Now it's time to get creative and build your own projects. Unlike some of our previous builder kits that came with specific instructions, this kit is a chance to design and build projects from your own imagination. Of course, the items in this kit are just the beginning: we highly recommend adding other materials, paints, decorations, or tools you can find or scavenge.

If you need a spark to get you started, here are 12 project ideas and design challenges! Remember, there's no "right" way to build these projects... build your own project your own way! And we'd love to see what you build, too. Send us photos of your final creations to: info@girlsgarage.org. **Happy building!**

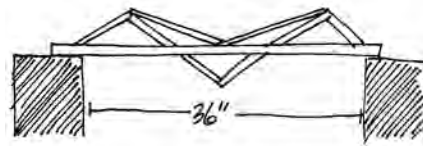
1 A box to hold whatever you want!

Use different wood shapes and sizes to assemble a box to hold all your doo-dads.



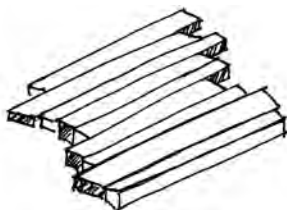
2 Bridge challenge

Build a structure to span 36" and hold the weight of a gallon of milk!



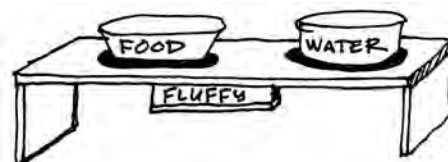
3 Trivet or coaster(s)

Glue together multiple strips on a flat surface to make a serving trivet.



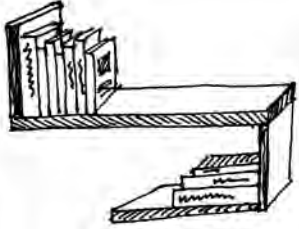
4 Pet food stand

Make a small stand to hold Fido's or Fluffy's food or water dish. Paint their name on it!



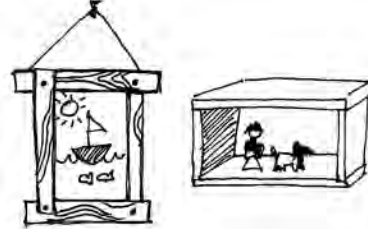
5 Bookshelf

Use a single piece or multiple pieces, and attach to your wall with L-brackets.



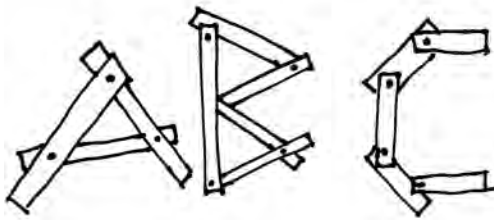
6 Picture frame or shadow box

Attach 4 pieces into a frame and display your art, photos, or collectibles.



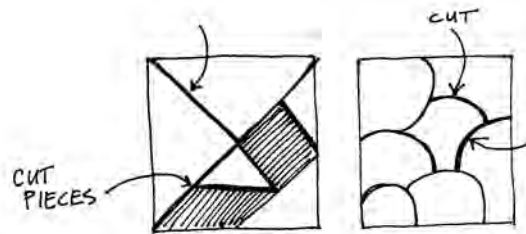
7 Your name or initials

Cut lengths of strips and attach to create the letters in your name or initials.



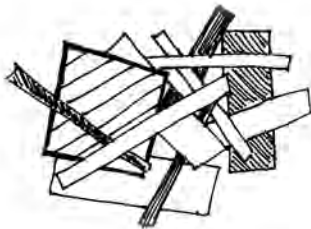
8 Tangram or wooden puzzle

Slice up one of your pieces of plywood into a tangram game or puzzle.



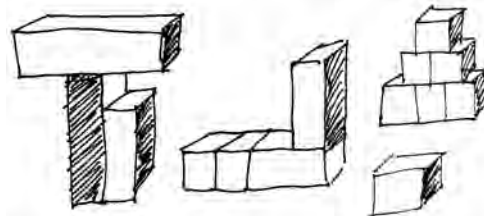
9 Sculptural wall art

Glue, nail, or screw elements together to form an abstract piece of art!



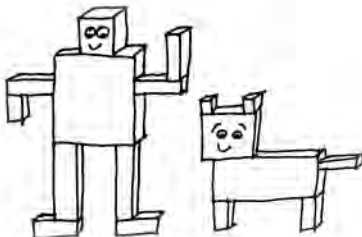
10 Block set

Practice your cutting skills! Cut wood into dozens of pieces to make your own blocks!



11 Robot

Use small blocky pieces to construct a robot body, head, and limbs.



12 Bookends

Join two pieces in a right angle and add something decorative on top! Make two!

