Step 1: Find repurposed pieces of wood (a good source is the Rebuilding Center in Portland, OR). You will need four pieces of wood that are 33 inches tall for the legs of the bin and eight pieces of wood that are 17 inches tall for the sides of the top and the bottom. The width of each piece of wood should be about 1.5 inches wide and 2.5 inches tall. These measurements create a bin that fits a standard size trash bag for recycling.

Step 2: Into each of the eight side pieces (NOT the longer leg pieces) drill four holes evenly spaced about 2 inches apart and with a drill bit that creates a hole that is big enough to pull through a relatively thick string (think telephone wire or a shoe lace). You can also prep the wood so that it is easier to put the bin together by pre-drilling two holes for the screws into each corner of the wood where it will fit together (see photos).

Step 3: Start with one corner and connect the shorter wooden sides to the longer legs either by hand with a screwdriver or with a power drill. Continue until all the pieces are connected in the rectangular shape of a recycle bin! Remember to leave 1.5 inches off the ground for the feet. You will need a total of 32 screws.

Step 4: Drill holes in the bottom of at least 64, 500-750ml plastic bottles. You can also cut off the bottoms; use your creativity!

Step 5: Pass the string (wire, shoe laces, etc) through the hole in one side of the bin, then through one of the bottles, and tie a knot at the bottom point underneath the side. Continue to thread the plastic bottles one by one with the string, going up and down through the holes in the wooden sides. Repeat the process to form the four sides, tying the string off and starting over when necessary. You can add cans or other products. Again this is YOUR bin, use your creativity! You can also use cabinet doors on the sides, or bicycle rims (see pictures on left).