

Hello I'm Jessica from team 76414C The VeX-Men and this is our RePurpose Challenge entry. We made a table out of the 2020-21 Rise Above risers, the 2014-15 Highrise cubes, twelve 2x8s, and many single pegs. We also have a clear plastic sign to advertise VEX IQ on the top. It took us one practice to make this and many different design ideas until we decided on this one. These are a few of the sketches that we made. The first one had only one leg in the center and was made of the 2017-18 Ring Mater rings and the cubes. The second one was similar to the final design except the legs were rings surrounding some poles. Then the final one is a sketch of the last design. We really wanted to use the rings to make legs but they moved around too much and weren't very sturdy, so we settled on some extra risers we had. We also had it designed to be 4x11 but it dipped down in the center so we changed it to 6x6. As you can see the table is rather sturdy but does move some. We had to add the 2x8s to add more support so that the risers didn't pull away from each other. Because of this you might want to use this as a nightstand or a coffee table and not a normal table. Also it can hold some weight but not a lot of weight, so be careful on how much weight you put on it.

Desk







