



Chuchu's DIY Abacus by Pplus

Contents: 7 wood pieces, 8 screws, 100 beads, 2 plywood washers, 1 bottle of wood glue, 10 wood splinters and 10 metal rods, sand paper.

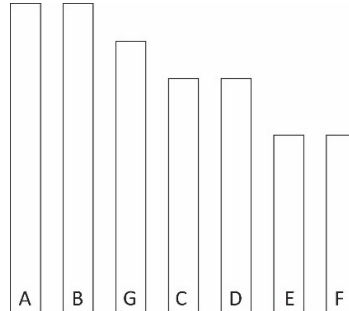
Tools needed: Star screw driver, spatula

DANGER: Beads - choking hazard, screws – piercing hazard, Wood glue – do not swallow.

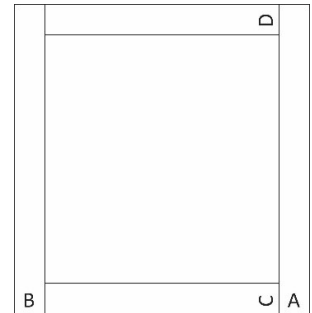
TO BE ASSEMBLED UNDER ADULT SUPERVISION

Instructions:

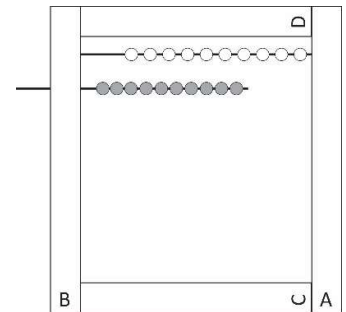
Arrange the wooden rods to identify the various parts.



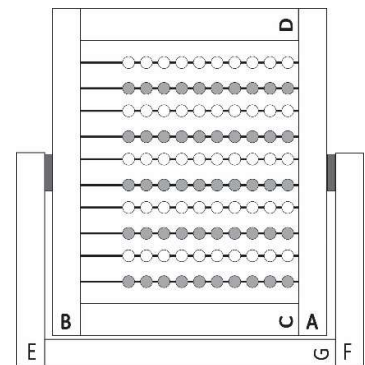
Apply wood glue on the ends of C and D using a spatula and then screw them into A & B to make a frame. Sides of A & B with drill holes should be facing inward.



Feed a metal rod through the first hole in B from the outside going in and load 10 beads of one colour. Insert the rod into the corresponding hole in A. Dip one or two wood splinters into wood glue and use them to plug the hole on the outside of A. Repeat for the next metal rod with a different colour of beads. Repeat the process for the other eight metal rods. After the wood glue has dried break off any projected pieces of the splinters and sand them to make them level with the face of B.



Apply glue on the ends of E and F screw them into G to form a flat-bottomed 'U' shape. Sandwich the washers between the upper sides of the 'U' shape and the holes in the middle of A and B. Attach with screws.



Congratulations! You have assembled your Chuchu Abacus. May you enjoy playing and learning with it for many years to come. – The Pplus team. www.pplus.co.ke