

MAKERY CRAFT: KINETIC SCULPTURE

A DIY CALDER INSPIRED MID-CENTURY MODERN MOBILE

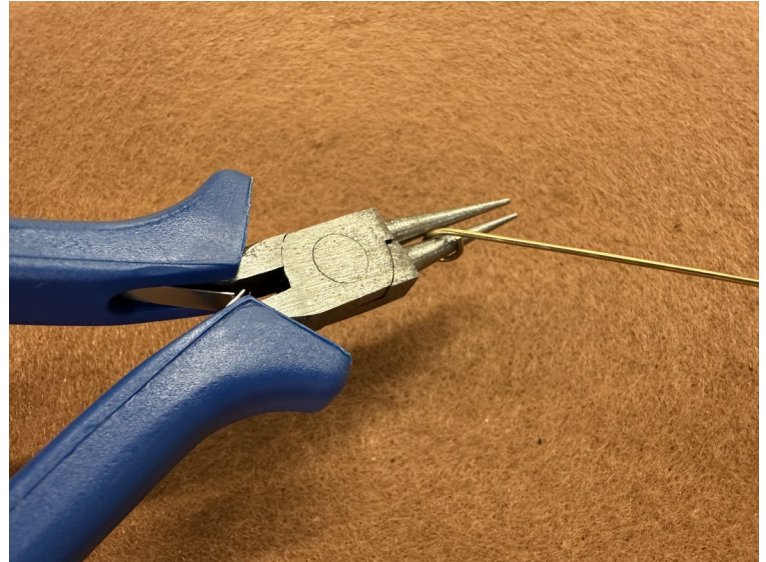
STEP 1

Choose the style, size, and color of 6-10 organic acrylic shapes you want for your mobile. Lay them out to get a feel for your basic design. Consider the rhythm, balance, and movement of your piece. Set out your acrylic pieces, a few brass swivels, and 3-4 brass wires on the brown felt.

STEP 2

Use round nosed pliers to coil the end of a brass wire to form a complete loop.

Hang the round end of the brass swivel (see picture in **STEP 3**) on to the wire loop and secure it in place.



STEP 3

Use flat nosed pliers to open the hooked end of the swivel and add your first acrylic shape onto the swivel. Close the hooked end so you piece is attached.



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STEP 4

Make another complete loop in your wire approximately 2-4 inches away from your swivel end. This will be the center of this arm of your mobile.

This is when you have the freedom to design for the balance you want for your one of a kind mobile.

Cut the excess wire with the wire cutters approximately 3-5 inches from the center loop.



STEP 5

Repeat **STEP 2** on this half of your wire adding on a new acrylic piece and securing it in place.

You have created your first mobile 'unit'. This will be the lowest piece on your mobile and you will build upward from here.



STEP 6

Repeat this basic process to create other wire and acrylic 'units', but with the first loop of your wire attached to the center loop of the previous piece. The second side will hang an acrylic piece from the swivel.

You may vary the length of each piece and can check for balance by holding it from the center loop.



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STEP 7

Once you have created 5 or 6 connected units of brass pieces and consider your kinetic sculpture finished, you make gently bend or curve the wires to achieve the best balance for your mobile.

STEP 8

Cut a 12-15 inch piece of fishing line and thread a brass bead on it. Then thread one end of the line through the top center loop of your mobile and back through the crimp bead. Then crimp the bead tightly using the flat nosed pliers, holding the line securely.



STEP 9

You may hang your mobile indoors or out.
Enjoy!

