Making with Cardboard Description

PDF
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00:00:02.140 --> 00:00:05.900
Making with cardboard.

00:00:06.940 --> 00:00:08.920
Supplies

00:00:10.220 --> 00:00:17.360
Gather some supplies to help you build with cardboard including cardboard, scissors, tape, a ruler or straight edge, and something to write with like a marker, pen, pencil, or crayons.

00:00:25.260 --> 00:00:26.520
Crease fold

00:00:43.020 --> 00:00:50.840
To fold cardboard in a specific place start by marking the cardboard where you want the fold to be with a marker and ruler.
Then use something like a pizza cutter, scissor handle, or back side of a marker to crease the cardboard.

It should now fold where you drew the line.

Tape hinge

To use tape to make a hinge between two pieces of cardboard cut or tear a piece of tape long enough to cover the entire edge of the cardboard where you want it to bend.

Put the tape on with half of the tape on each piece.

Tape both sides of the hinge if possible.
To attach one piece of cardboard to another to make an X start by cutting a small slot halfway through each piece of cardboard where you want the center of the X to be.

Take the two pieces of cardboard with slots facing each other and slide them over each other until they are secure.

Flanges

To create flanges, or feet, on a piece of cardboard cut the side of the cardboard you want the feet on up about one inch.

Now bend each foot in the opposite direction so that they are pointing away from each other who you’re done.

Flange base
To attach piece of cardboard to another using flanges create flanges on one piece of cardboard.

Place the flange piece of cardboard on a another piece and tape the feet down to attach it.

Twist tie hinge

To make a hinge using twist ties hold the two pieces of cardboard you want to be hinged together and poke two holes that go all the way through both pieces of cardboard.

Be careful poking the holes and ask a grownup for help if you need it.

Put a twist tie through each hole and twist it to secure the hinge.
To use a twist tie to create a rotating piece, like a clock hand, poke a hole through two pieces of cardboard with the one you want to move on top.

Put the two loose ends of a twist tie through the hole and then put a small piece of cardboard in the loop of the twist tie.

Put another small piece of cardboard between the two loose ends of the twist tie on the other side and twist it on top of the cardboard to tighten it.

Filmed by Scott Fralin

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