

Making with Cardboard Description

PDF

Kind: captions

Language: en-US

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.

00:00:52.220 --> 00:00:56.580

Then use something like a pizza cutter, scissor handle, or back side of a marker to crease the cardboard.

00:00:58.840 --> 00:01:01.560

It should now fold where you drew the line

00:01:03.900 --> 00:01:05.260

Tape hinge

00:01:12.100 --> 00:01:16.900

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.

00:01:17.960 --> 00:01:21.280

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

00:01:22.240 --> 00:01:25.680

Tape both sides of the hinge if possible.

00:01:37.200 --> 00:01:38.520

Notch

00:01:45.120 --> 00:01:53.040

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.

00:01:57.340 --> 00:02:01.000

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

00:02:02.100 --> 00:02:03.660

Flanges

00:02:12.040 --> 00:02:16.340

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.

00:02:18.880 --> 00:02:24.500

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

00:02:31.600 --> 00:02:32.980

Flange base

00:02:42.480 --> 00:02:48.880

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

00:03:01.900 --> 00:03:11.540

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

00:03:31.040 --> 00:03:32.500

Twist tie hinge

00:03:40.000 --> 00:03:47.000

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.

00:03:48.860 --> 00:03:53.800

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

00:04:02.140 --> 00:04:06.460

Put a twist tie through each hole and twist it to secure the hinge.

00:04:18.900 --> 00:04:21.100

Twist tie rotation

00:04:25.120 --> 00:04:30.840

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.

00:04:30.840 --> 00:04:37.060

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.

00:04:42.560 --> 00:04:48.440

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.

00:04:58.480 --> 00:05:00.840

Filmed by Scott Fralin

00:05:02.180 --> 00:05:04.940

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