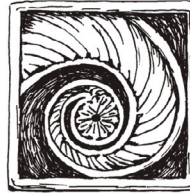


twirl



A PLAY & DISCOVERY SPACE

Twirl@Home Projects: Things you can make with household trash!

What can you make with a toilet paper or paper towel roll? Here's a few ideas:

1. RAINBOW WIND SOCK

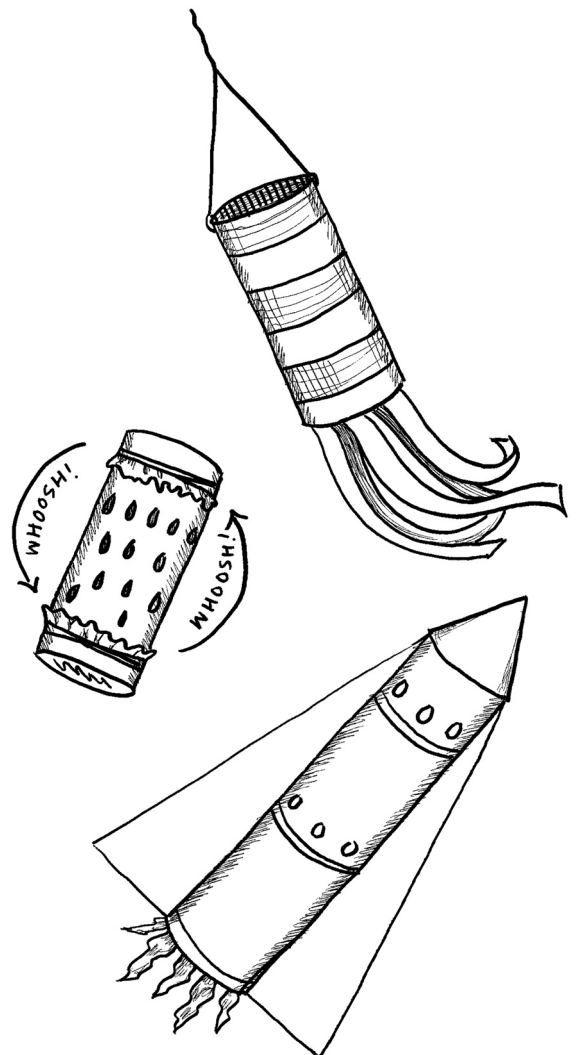
Materials: Empty toilet paper tube, ribbons, string, yarn, tissue paper, tape.
Directions: (1) Decorate your toilet paper tube. (2) Cut long lengths of things that fly in the wind, like paper, yarn, ribbons. (3) Tape the lengths inside the toilet paper tube. (4) Attach a string to the top to tie it onto something outside or fly it with your hand. (5) Watch it blow in the spring breeze!

2. RAINMAKER

Materials: Empty paper towel tube, small rocks, 1 pipe cleaner, saran wrap, tape or rubber band.
Directions: (1) Decorate the paper towel tube. (2) Seal up one end with a piece of saran wrap and use tape or a rubber band to keep it on. (3) Put small rocks and a twisted pipe cleaner in the tube. (4) Seal up open side with saran wrap and secure it with tape or rubber band. (5) MAKE RAIN - gently tilt the rain-maker from side to side and listen to the rain....

3. ROCKET

Materials: Empty tp tubes or paper towel tube, ribbons, tissue paper, tape.
Directions: (1) tape some tp tubes together or use a paper towel tube for the main body. (2) Give it a nose by making a cone out of paper. (3) Cut triangles out of paper and tape to sides for wings. (4) Add some fire to the bottom with paper strips, decorate your rocket and blast off!



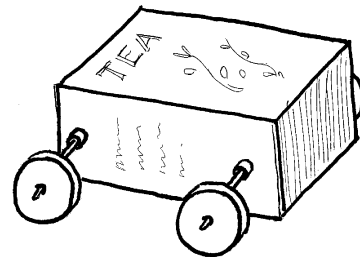
What can you make with a cereal or tea box?

Here's a few ideas:

1. ROLLING VEHICLE

Materials: 4 Milk lids w/ hole in middle, 2 BBQ sticks, 2 straws, small box (tea box, cracker box, oatmeal box - this will be the body of the car).

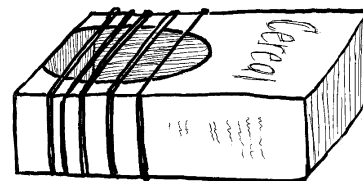
Directions: (1) Poke holes in the sides of the box toward the bottom of the car. (2) Slide straw all the way through. This will be your axle to hold the wheels. (3) Put the BBQ stick in the straw so it is poking out of each side. You may need to trim off some straw if it's too long. The stick should poke out a little past the straw on both sides. (4) Put the milk caps onto the sticks, and glue them so they don't fall off. Make a big glob and wait for them to dry. These are your wheels. Oh yeah, you can decorate your car too!



2. BOX INSTRUMENT

Materials: Empty cracker or cereal box, rubber bands.

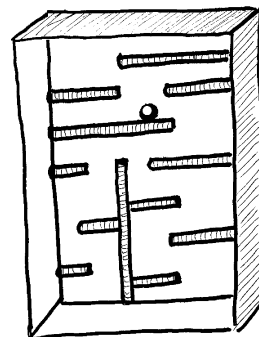
Directions:(1) cut a round hole in one side of your box. (2) Wrap several rubber bands around box over the hole. (3) Tape the rubber bands down on sides of box. (4) Strum on the rubber bands and see what kind of sounds you can make!



3. 3D MAZE

Materials: Cereal box, straws (you can also roll paper into tubes to make straws), glue, pom pom, pebble or small marble if you have one.

Directions: (1) Cut open one side of the box, keep all four short sides. (2) Trace the maze path you want to make. (3) Glue down pieces of straws to on the path you have drawn. (4) Drop the pebble or pom pom in at the top, tilting the box as you try and have it run the course.



What can you make with paper or newspaper? Here's a few ideas:

1. FLYING FISH

Materials: Card stock paper, scissors.

Directions: (1) Cut your paper into long strips about 1 inch wide (2) About 1 in. from each end, make a small line and snip along the lines. Cut halfway through on both sides. (3) Bend the paper and cross the pieces so the tail holds itself together. They just slide in along the slots. Decorate your fish if you wish. (4) Hold it up in the air (the higher the better) and let go.....wheeee! They Spin!!!

3. NEWSPAPER KITE

Materials: Newspaper, dowels or sticks, tape, string or ribbon.

Directions: (1) fold a piece of newspaper in to desired kite shape. (2) tape dowels or sticks to one side of folded shape, giving it cross support. (3) Add a string or ribbon to the end for a tail. (4) Attach string to top and bottom of vertical stick and tie strings together away from kite, leaving one long string to hold on to... and fly

2. NEWSPAPER STEM CHALLENGE

Materials: Newspapers, tape.

Directions (1) Roll up a whole page of newspaper diagonally into a tight tube shape. Tape the ends so it stays closed. Repeat and make LOTS of them. (2) Use the newspaper tubes to build a fort! Remember a triangle is a very strong shape. Use the tape to connect the tubes together. (3) Continue making connections until your shape is as big as you want. Can you create a fort big enough for your whole family?

