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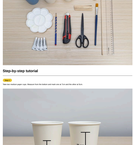
Wind Turbine

Wind turbine

Have a you ever seen massive wind turbines slowly rotating? Wind energy drives the mechanical blades, each blade each wind turbine rotates and generates electricity. Wind turbines are a renewable energy source, which means it never ends, and it is clean. Wind turbines are a cost-effective and reliable way to be an alternative to energy that is clean.

Materials Needed

Four large paper cups
Two medium paper cups
Four small paper cups
Pencil
Ruler
Scissors
Glue
Tape
Wooden skewer
Wooden rod
Cardboard
Yarn
Paper
Paper scissors
Marker
Hot glue gun (optional)



Step-by-step tutorial

Step 1

Take one medium paper cup. Measure from the bottom and mark at 7cm and at 9cm with a pen.

Step 2

Carefully cut along the marked lines, using a sharp blade paper.

Step 3

Insert the pencil into a small paper cup and trace the circle of the pencil. Cut out the circle with a pair of scissors.

Step 4

Insert the rod into the hole. Secure the rod with glue and tape. Insert the wooden skewer, and glue it in place.

Step 5

Insert the rod into the medium cup and glue it into place. Insert the wooden skewer, and glue it in place.

Step 6

Trace the four paper cup, and cut through the lines to make six blades.

Step 7

Place the large cup upside down and place one of the blades on the side. Glue it down into the paper, covering about distance between the circle and the rim.

Step 8

Place the glue on the image, cut in the, apply glue to the inner side of the cut side.

Step 9

Place the cardboard cut between the two blade, ensuring the glue is the same.

Step 10

Place the cardboard cut between the two blade, ensuring the glue is the same.

Step 11

Cut the paper cup into two pieces, and place the cut between pieces, creating four identical pieces.

Step 12

Place one of the pieces on top of one of the large pieces from together and secure.

Step 13

Place the two pieces together in the form of a cross, ensuring the cross sides have upward and the cross edges are underneath. Your cardboard blades are ready.

Step 14

Place the cardboard blades on top of the cardboard, ensuring the glue is the same.

Step 15

Cut the four paper cups in half, and place the cut side down. Use white glue or Elmer glue sticks.

Step 16

Place the cut paper cups on the cardboard, ensuring the glue is the same. Use white glue or Elmer glue sticks.

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