Lift machinery

Materials: Two Scotch tape 3M.

Sandpaper

Scissors

Glue

3 wooden stick that has a length of 9 centimeters (wide popsicle sticks recommended)

4 pieces of sturdy cardboard circle that has a radius of 3.8 centimeters

A compass

Sharpies

Pencils

4 Sticks of one centimeter long, narrow ones like ones on a barbeque stick

Kitchen paper cardboard core, 4 strong clip

Step 1: Roll all the tape away onto a stick of some sort, keep it could be used later.

Step 2: Cut a rectangle of sandpaper roughly 1-2 centimeter in length make sure the width is the same as the height of the tape plastic base.

Step 3: Roll up this rectangle and give it one staple to stable the sandpaper.

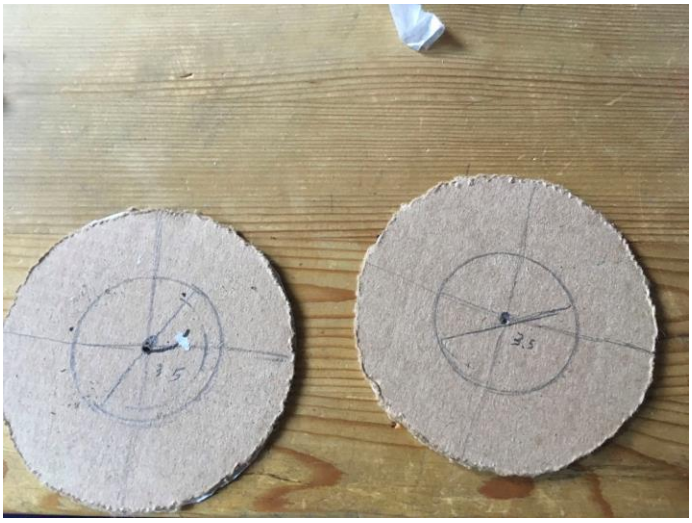
Step 4: Tape the end of the of the little role of sandpaper to the plastic tape base.

Step 5: Draw with a pencil a circle with a radius of 3.8 centimeters and cut it out with a scissor.

Step 6: Cover a sturdy cardboard with that round paper and begin to poke following the edge of the paper circle on the cardboard a series of consecutive holes with the compass all around the cardboard. Make 4 of it

Step 7: Prize the cardboard off.

Step 8: get three popsicle sticks, measure 2 centimeter on either end break it off. (Do that to all three popsicle sticks) You should end up with 6 little pieces of wood.

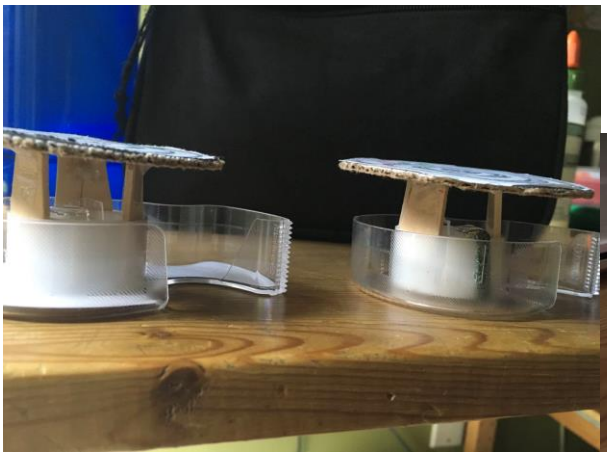
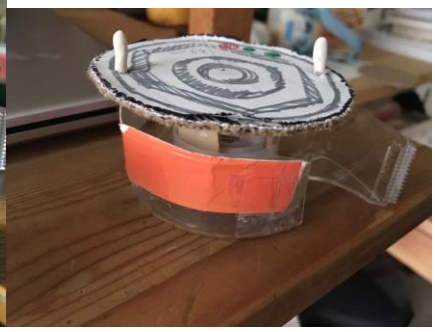


Step 9: draw a circle as big as the plastic core of the tape on two of the round card board. stick three of the little pieces of wood on to the circumference of the drawn circle evenly placed do this with glues or tape. (Do it with both cardboard).

Step 10. Poke two little holes on the card board's near edge with a compass. stuck two little barbeque pieces of wood into the hole.

Step 11: plug the three pieces of wood attached on the cardboard into hollow round space on the scotch tape's plastic core.

There you have now can grab on to the barbeque stick and spin the plastic core underneath! Now we must make a stand for the spinning device.

Step 1: Cut the big cardboard core of the kitchen paper into two equally high cylinder (How high the cylinder is your choice, but I recommend 3-6 centimeter tall)

Step 2: Use glue to glue the two cylinders to the two other round cardboard you cut earlier, (Remember that two had already been used in the spinning device)

Step 3: Glue the cylinder's other end to the spinning device's bottom side.

Step 4: Cut a long piece of yawn, how long is your choice but no shorter than 40 cm. Tie a knot on either end on the little strips of sandpaper on the spinning device. Roll one side of the yawn to half the length then attach the two bases on the edge of two tables with clips. Distanced half the length of the yawn.Then start rolling the other spinning device and the lift will start to operate.