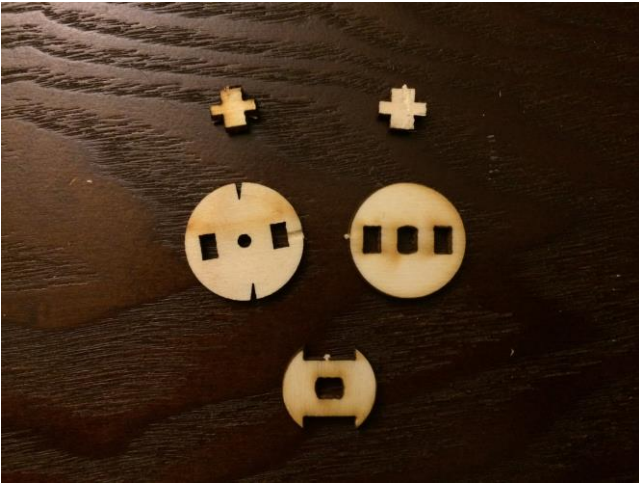


Castle5

Check all the steps from the last class before continuing.

Pop out the parts shown in the picture

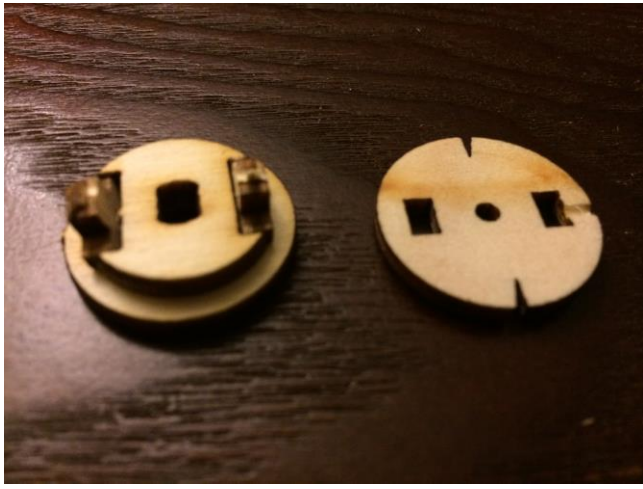


Glue the “+” onto a large circle



Then, put just a SMALL drop of glue, and place the middle part in its proper place. Make sure the glue doesn't reach the holes.

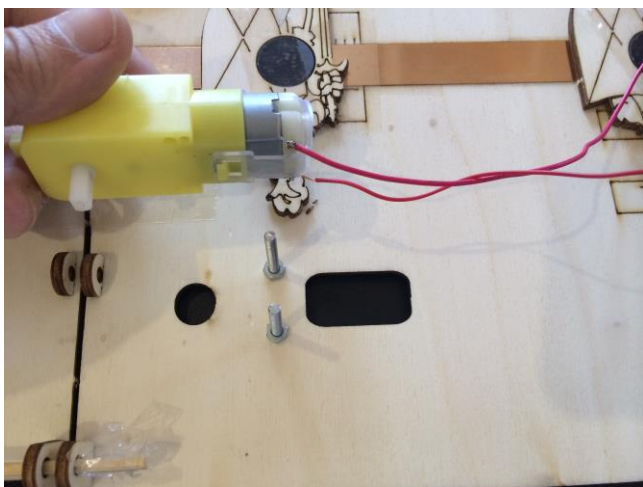




Apply a bit more glue, and close the wheel



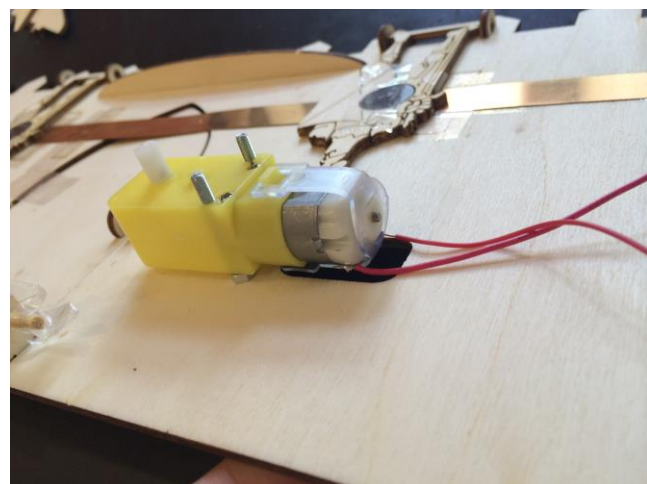
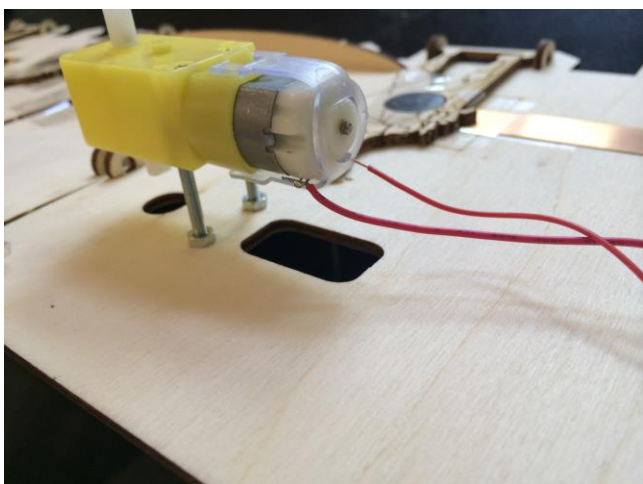
This is how the wheel should look like. Again, make sure there's no glue in the holes.



Hand each kid a motor. Make sure you explain to the kids how to properly use the motor and not rip the wires.

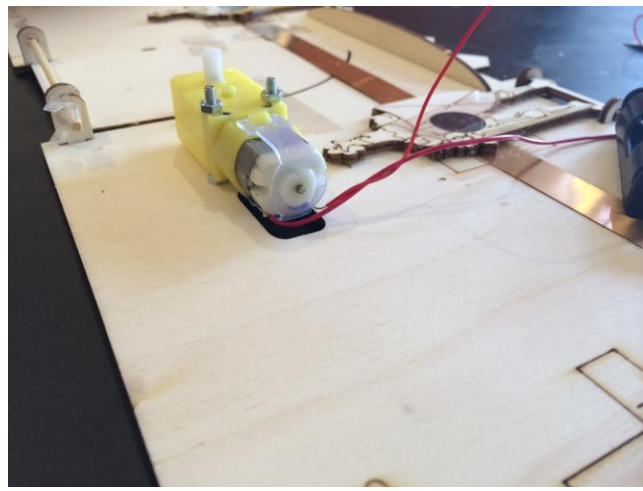
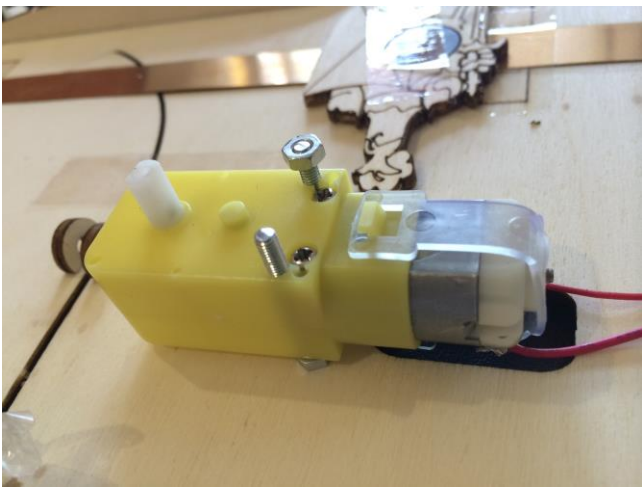
Motors should be on the table AT ALL TIMES!

Place the motor when the wires are facing down.



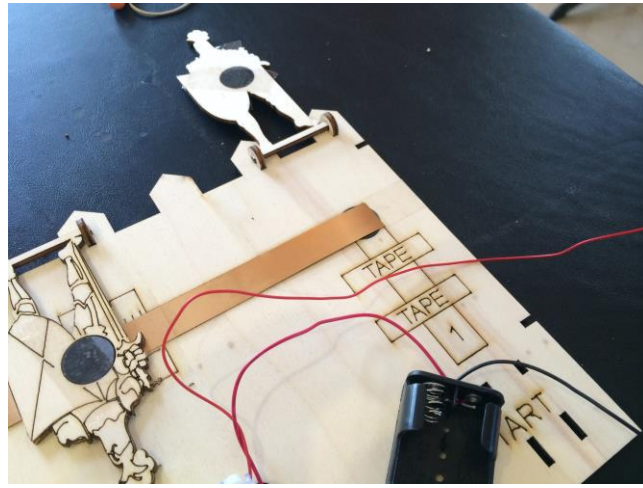
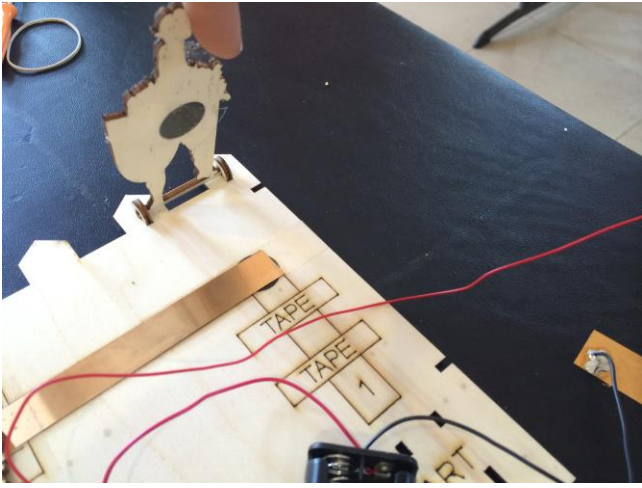
Slide the motor onto the 2 30 screws.

MAKE SURE WIRES ARE FACING DOWN!

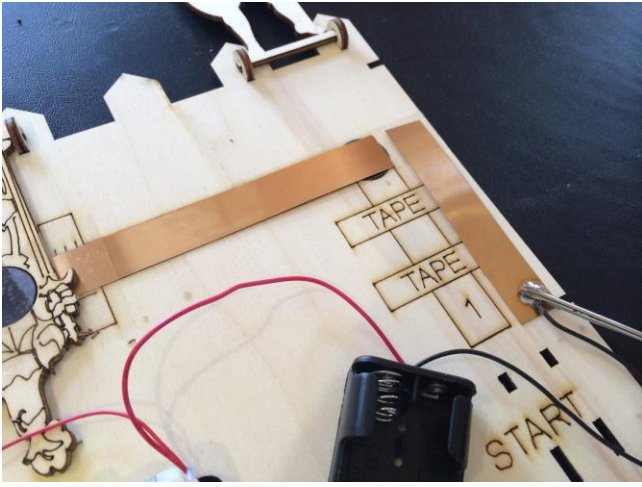


Hand each student 2 regular lock nuts.

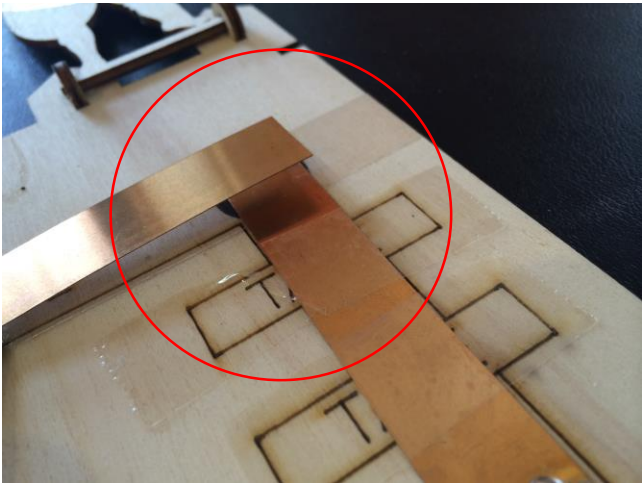
Tighten the nuts onto the screws



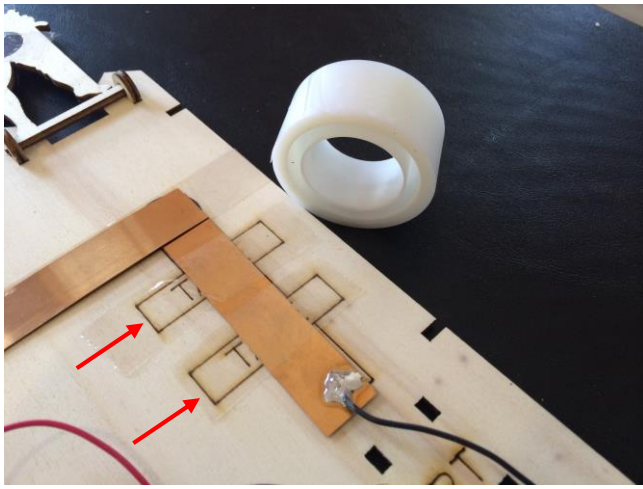
Raise the right knight from the wall



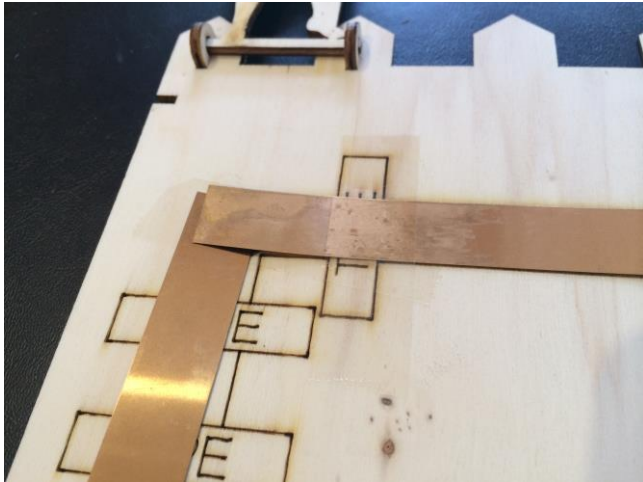
Take the shortest wired plate (black wire)



Place the plate UNDER the plate that we taped in the previous lesson



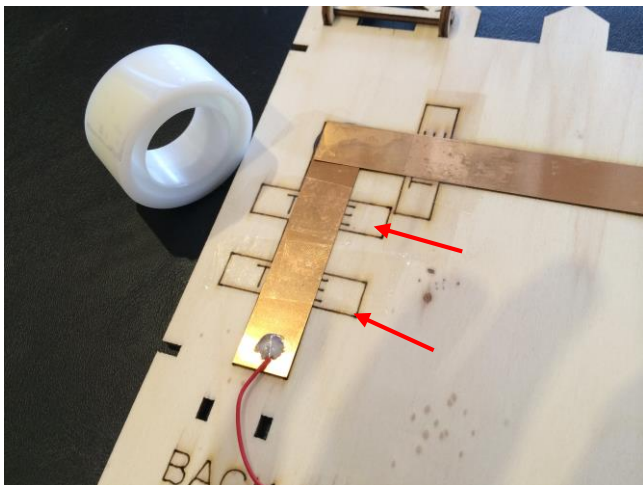
Tape the plate to the wall (look at designated tape areas)



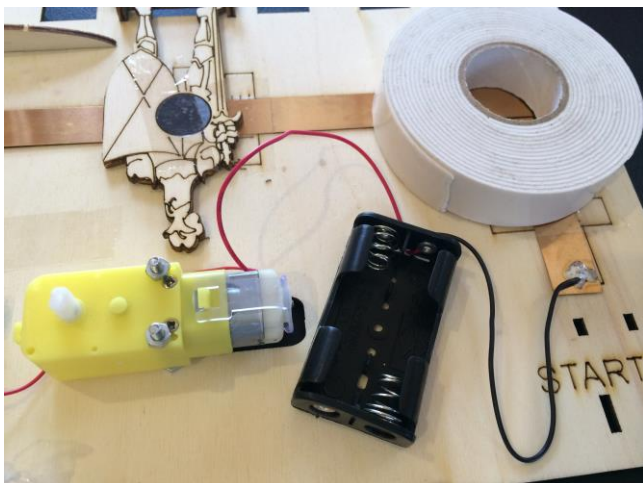
Take the longer wired plate,

Place it under the metal strip on the left side of the wall.

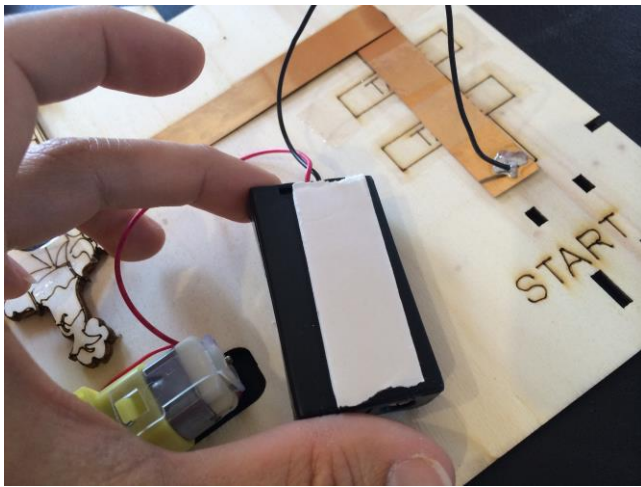
Make sure this plate is the one touching the magnet.



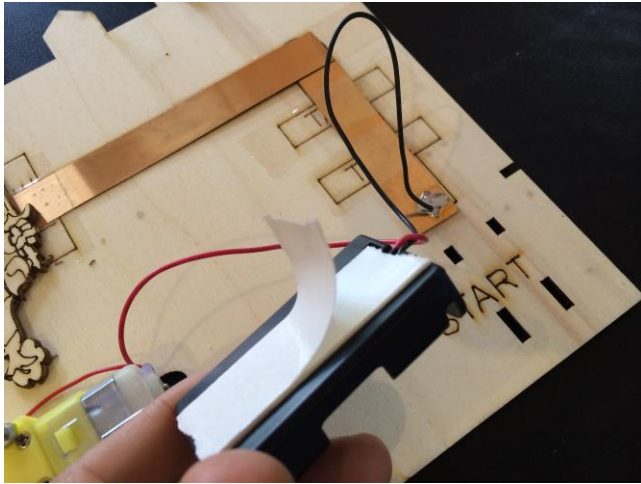
Tape the plate to the wall (look at designated tape areas)



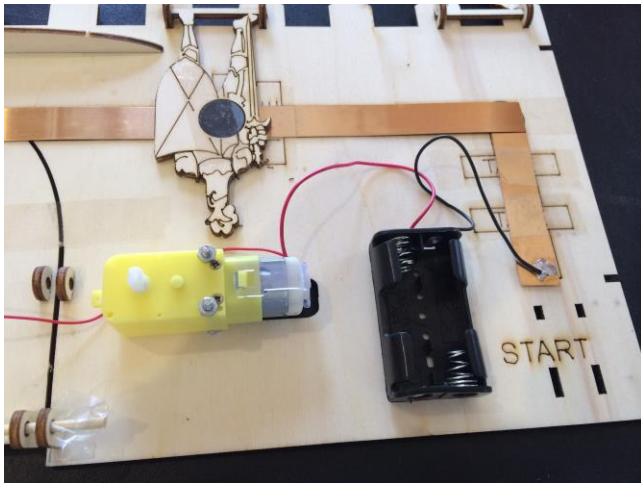
After checking the previous steps, we're going to tape the battery box to the wall.



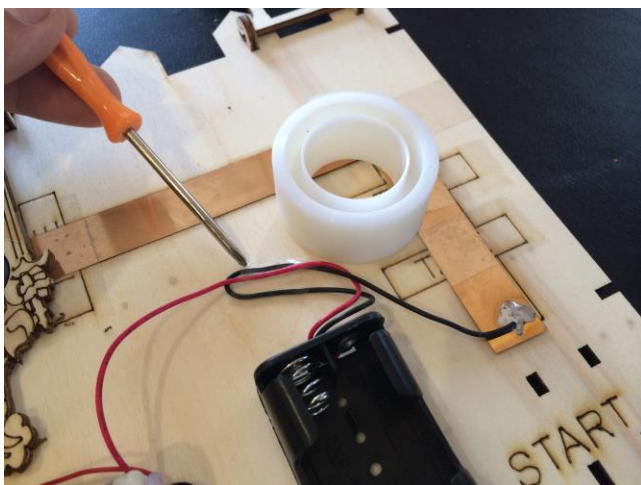
Take a piece of double sided tape, and tape it to the back of the battery box



Peel the cover off the front side of the tape.



Tape the battery box to the wall as shown in the picture



If you have time, organize the wires on the wall and tape them using regular tape.

It will save many problems down the road.