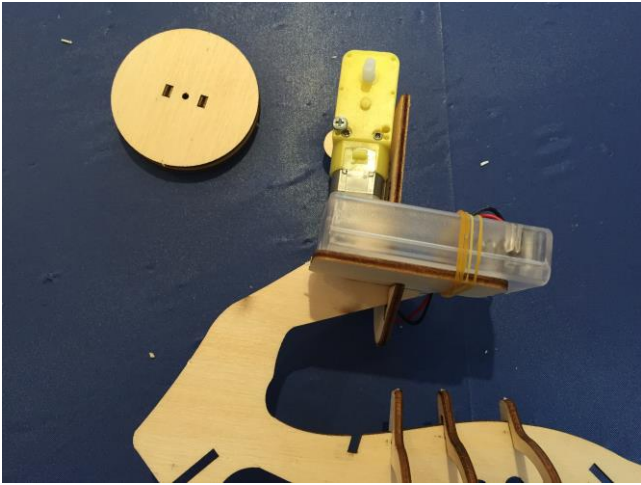


## Archaeopteryx 4



Before starting, check all the parts from the previous lesson.

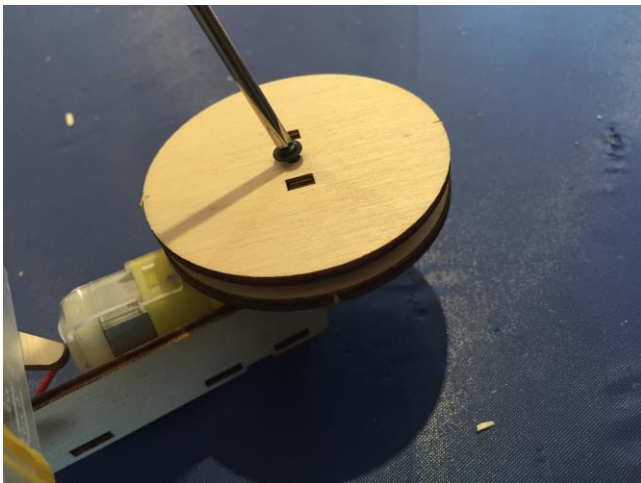
If you did not assemble the wheel on the motor in the previous lesson, start with the wheel.

If finished, continue to the next step (wings)



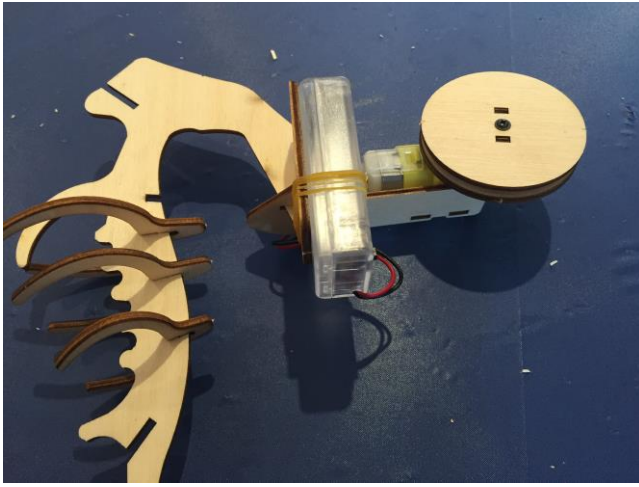
Hand a driller screw to the students and show them where to place the wheel.

\*The wheel should be placed on the motor, above the battery box.



Before handing out the screwdrivers, give the students the safety instructions regarding using the screwdrivers.

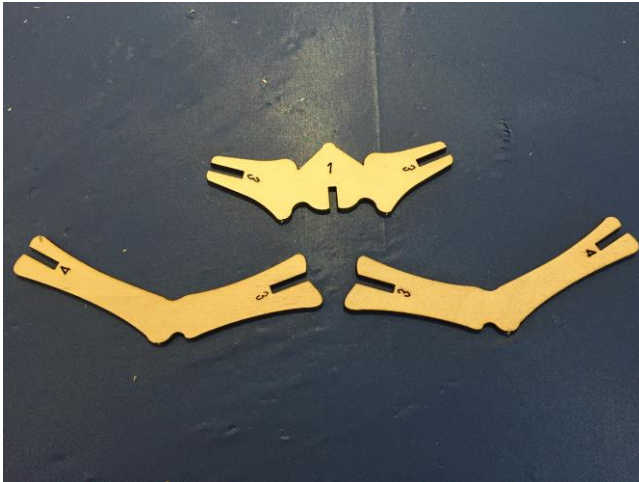
Once given, hand each student a screwdriver and screw the driller screw into the center of the wheel.



CHECKPOINT!!!

Check all the students have the wheel positioned in the right place and properly connected to the motor.

**Collect all the screwdrivers!**



Once done, we continue to the next step, the wings.

Please pay attention to the direction each part should be assembled.

Pop out the parts shoe in the picture.



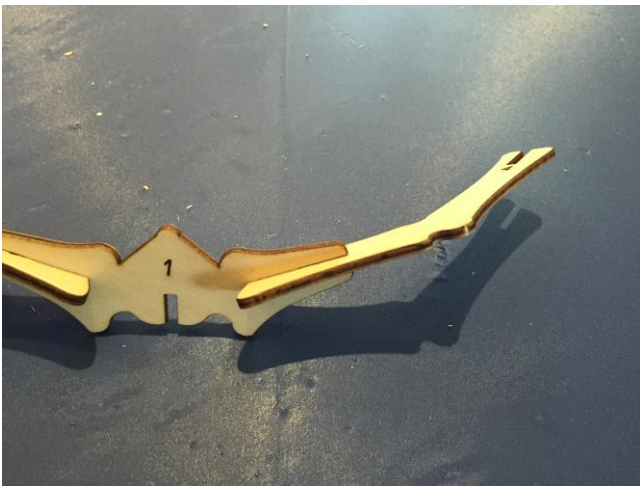
Hand out glue to the students.

Glue both parts to the center piece. (you should be able to see the number "4" on both sides of the wings)

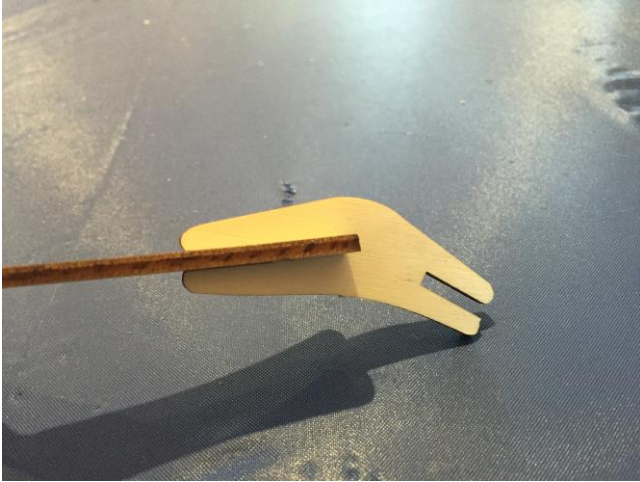
Place this part on the table exactly as shown in the picture.



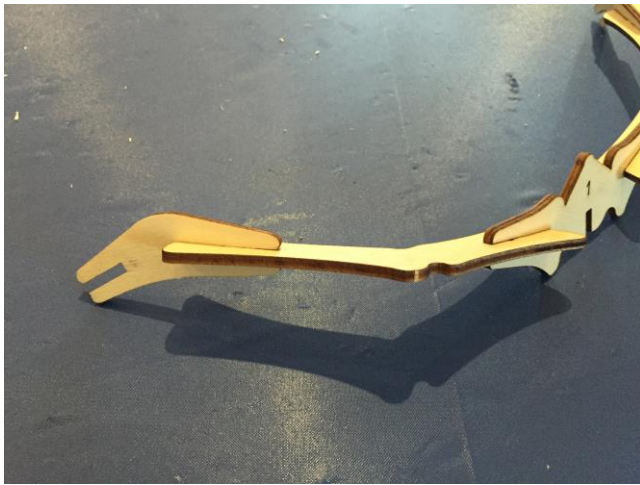
After all models were checked, pop out the parts shown in the picture.



Glue one of the parts we just popped to the side of the wing, make sure we glue it like a hill.



Double check the directions!



Once you finished the first one, glue the other one onto the other side. Same direction!

CHECKPOINT!



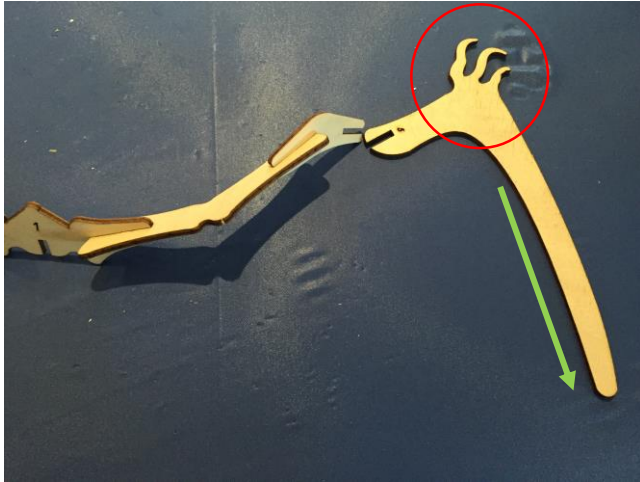
CHECK ALL MODELS BEFORE CONTINUING!!!

Make sure all the students have the wings glued correctly.

Place the wings on the table and compare them to this picture.



Once checked, pop out the 2 pieces shown in the picture.



Ask the students to place one of the wings next to the parts we already glued.

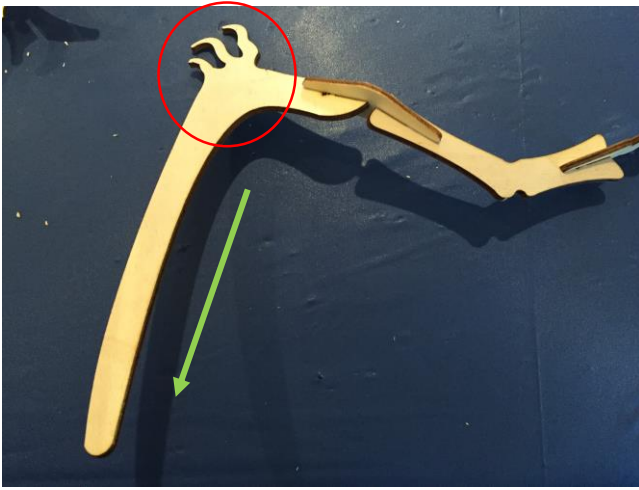
They should place the piece with the “hand” in the front (red circle) and the wing in the back (green arrow).



If all the students got this step correctly, have them glue the side wing.



Double check the side wings.



Once checked, continue and glue the other side with the same rules.

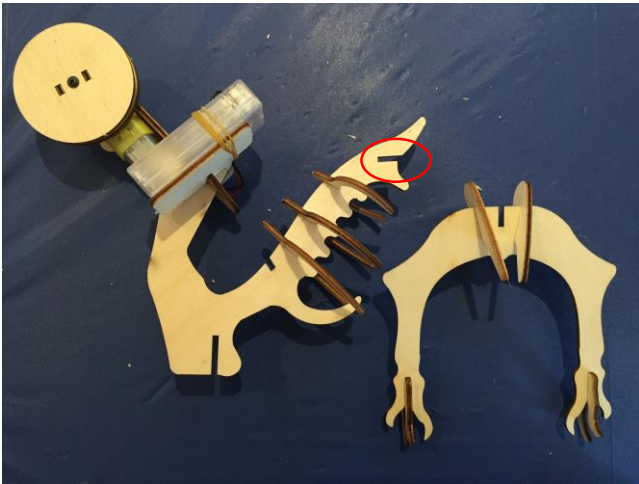
The piece with the "hand" in the front (red circle) and the wing in the back (green arrow).



CHECKPOINT!!!

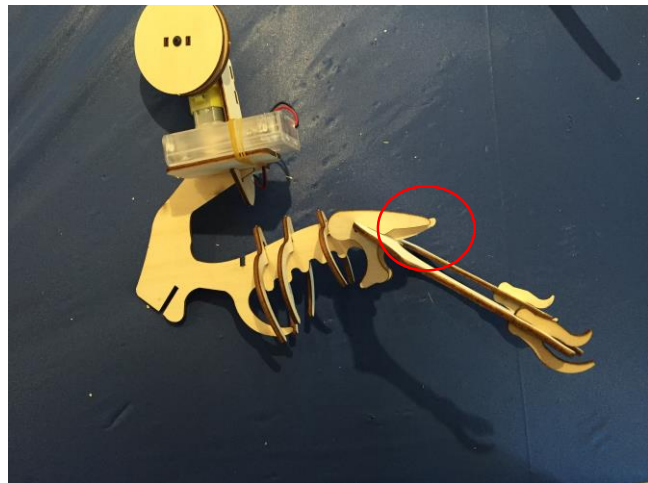
Check that the students glued the wings correctly.

If they did, it should be shaped like the letter "M"

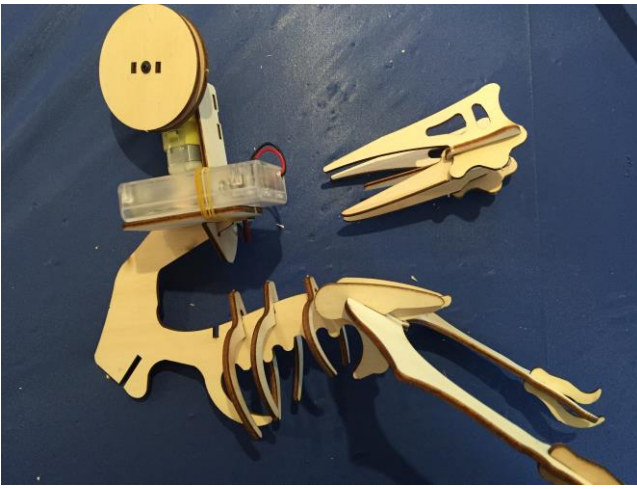


Take out the body and the legs from the plastic bag.

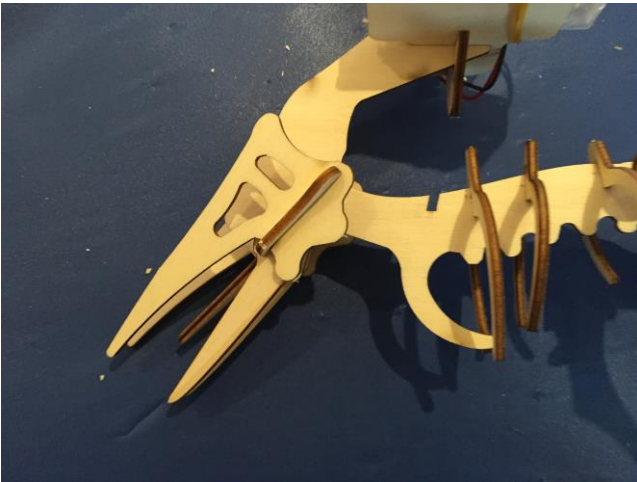
We are going to glue the legs onto the rear part of the body (red circle).



Apply glue and slide the legs all the way in. make sure that the narrow part of the tail faces back.



Once done and checked, take the head out of the plastic bag.



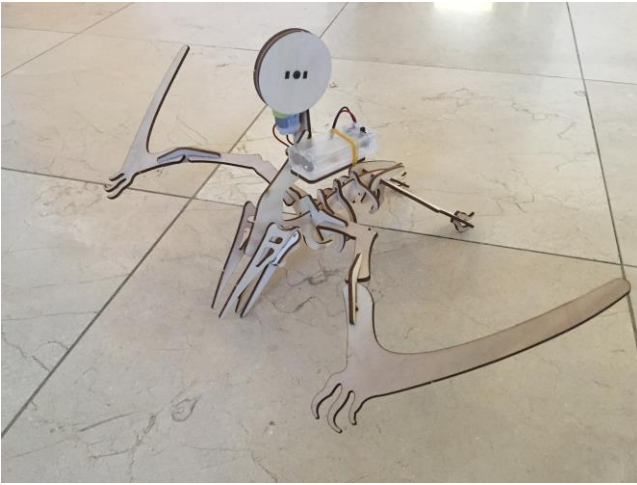
Glue the head to the front, so the eyes are up.



Grab the wings we glued earlier today. We are going to glue them to the front crack on the body (red circle)



Carefully glue the wings to their place, make sure they are fully inserted.



**CHECKPOINT!!!!**

Make sure all the wings are glued correctly! Double check the model!

Collect all the plastic bags from the students, clean the classroom and let the students take their model home (unless told otherwise by your supervisor)