

Brachiosaurus Lesson Plan #7



First, we will connect the body to the card.



Apply glue at the card's front hole, and glue the elephant's head to it. Notice that the elephant is inserted all the way in.



Apply glue on the back triangle.



Place the body's back part on the triangle, and make sure the parts are glued well.



This is the model after the gluing of the body and the card.



Next, connect the tail to the body's back.



Notice the order in which the body and tail's circles are places.
First place the tail's top circle under the body's top circle, and then insert a 30 screw.



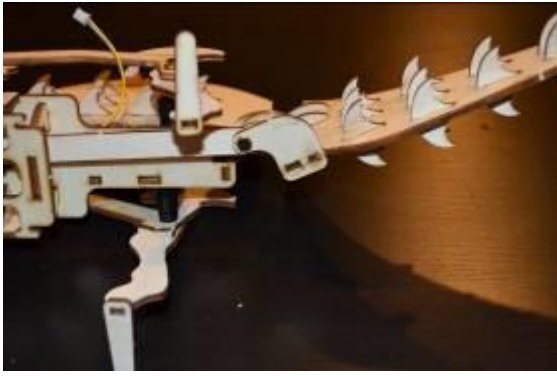
Insert the screws through all the circles' holes, so that the tail can move like a hinge next to the body.



This is the model with the connected hinges.



Connect the tail's bottom sticking out part to the rod coming out from the card's bottom with a paper fastener.



This is what the connection at the model's bottom should look like.



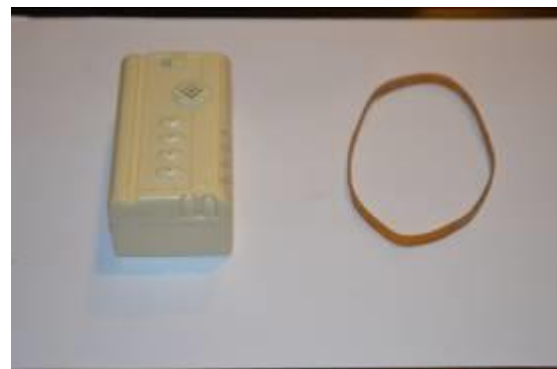
This is the connection between the tail and the rod.



Next, connect the neck to the body. First, insert the body into the elephant (between its 2 walls).



Then, insert a paper fastener, so that the neck is locked between the walls.



Hand each student a controller box and rubber bands. Two rubber bands should be enough.



Place the box at the card's bottom so that the indentation are next to the cables, as shown in this photo.



Tighten the connection using the rubber bands. Wrap the rubber bands around the wooden "ears" under the card. There is no need to tie or apply glue.



Connect the cables to their places. Connect the first motor's cable to the right, and that of the "standing" motor to the left.



This is the complete model! Double check all students' work.
Do not forget: **each student also takes home a remote control!**

Time in minutes	Activity name	Comments
5	Attendance	- Mark attendance sheet - Indicate date
15	Glue body to card	- Notice directions
15	Connect tail and neck to body	- Notice directions
15	Connect controller box	- Notice directions
5	Collect parts/ take models home!	- Store in safe place - Bags with name for each student
Total: 55 mins		