

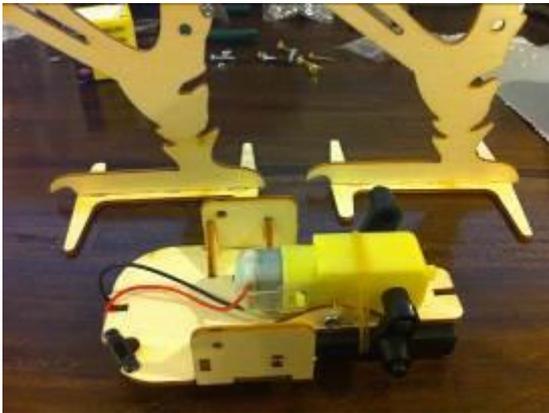
### T-Rex lesson plan #3



Disassemble the parts in this photo.



Glue ribs in their place using the walls. Notice that walls are parallel to each other as shown in this photo.



After assembling legs and card, we will now connect them.



Place the leg's large hole on the crank. Notice that the front nail faces the switch. Hand each student a bug screw, screw it in and release a full turn. The foot's short part is placed under the card's front.



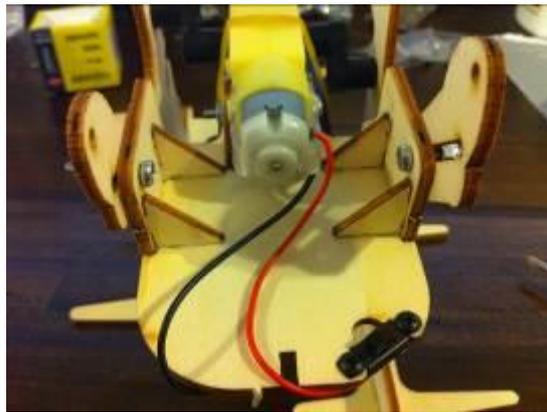
Do the same with the other leg.  
Check each student's correct placement.  
You should see the short nails facing each other under the switch.



Hand each student a 15 screw and a nylock locknut.  
Insert the screw from the card's wall to the diagonal hole in the leg.



Insert screw from card's wall to diagonal hole of leg. Tighten with a nylock locknut.



Tighten locknut well, then release a full turn. Check students' work. Then, distribute another screw and locknut, and do the same with the other leg. If connected correctly, legs should be able to stand on their own.

Time in minutes	Activity name	Comments
5	Attendance	- Mark attendance + date
30	Connect legs to servo	- Notice correct placement
15	Glue ribs	- Notice symmetrical directions
5	Collect parts	- Store in safe place
Total: 60 mins		