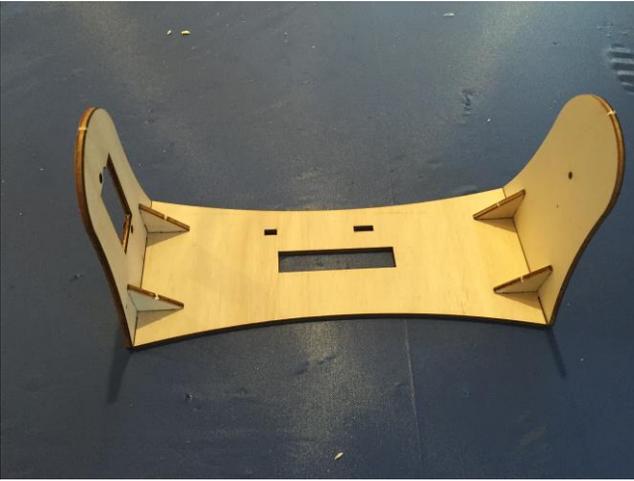


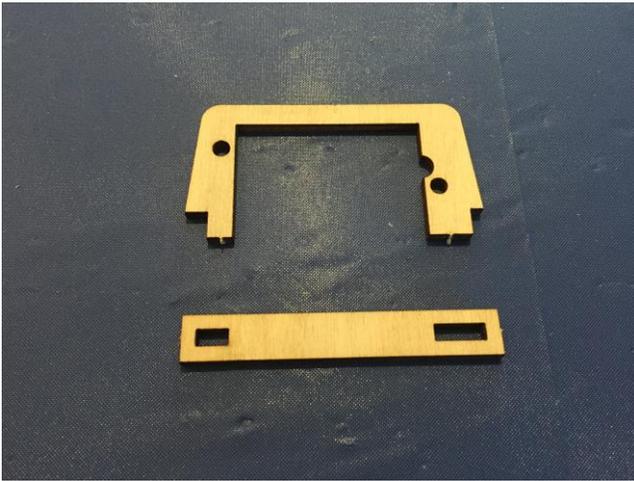
Maze 2



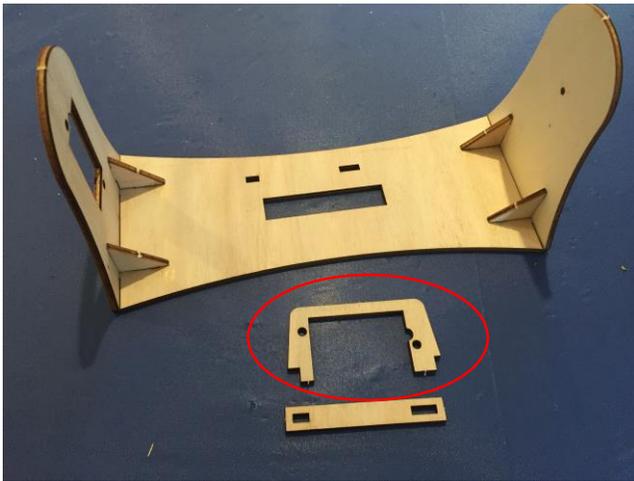
Before starting, check the parts we assembled in the previous lesson.

If needed, take time to fix any parts that were not glued correctly.

Once all the students have the part in the picture completed you can continue.

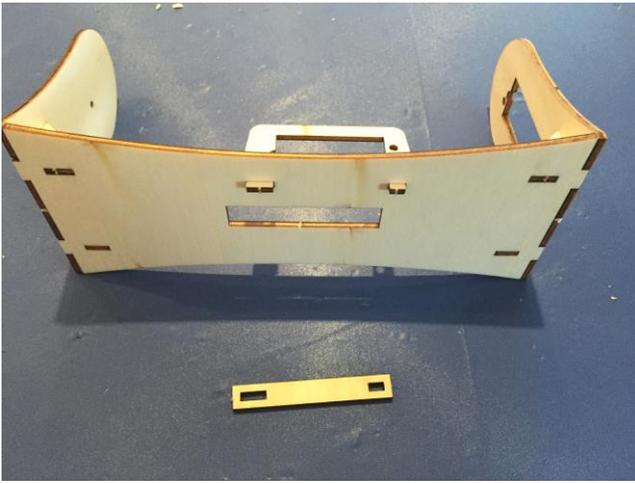


Pop out the parts shown in the picture.



First we are going to glue the "gate" (red circle) into its place.

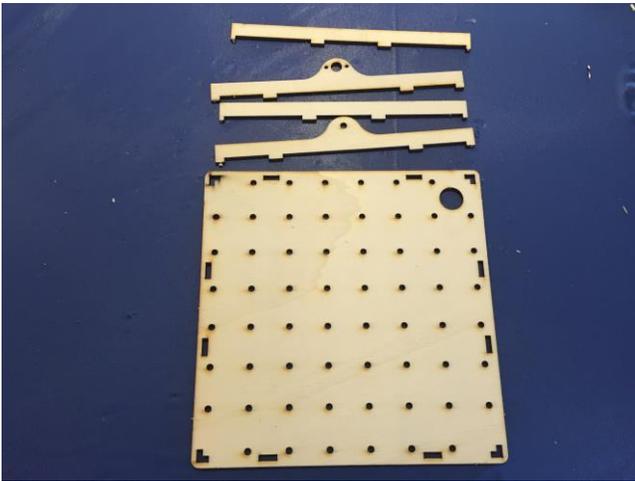
Do NOT apply too much glue.



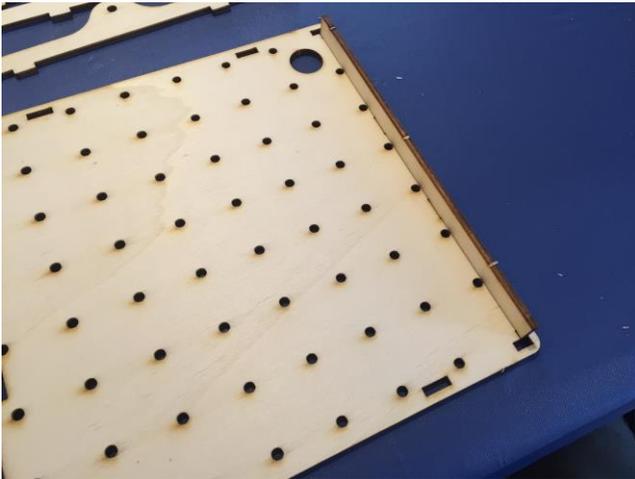
Once all the students inserted the “gate” part tilt the model on its side, and glue the rectangular part onto the bottom of the “gate” part.



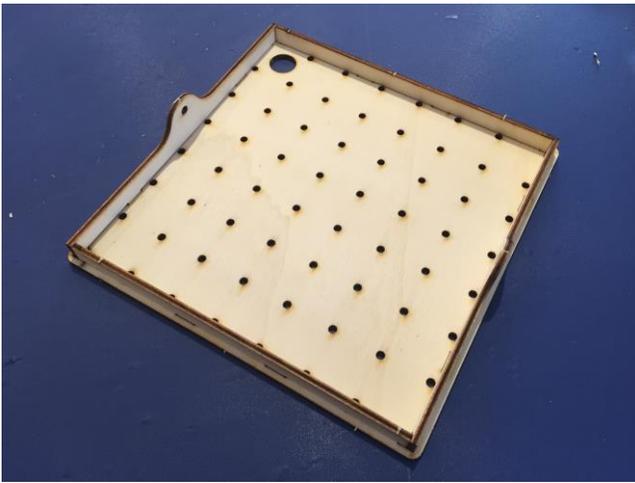
Checkpoint!!!
Check all the models before moving on.
Make sure all the “gates” are glued correctly.



Once checked, pop out the maze and the extra parts shown in the picture.



We are going to glue the outside walls of the maze. The students must match the part to its correct location on the maze.

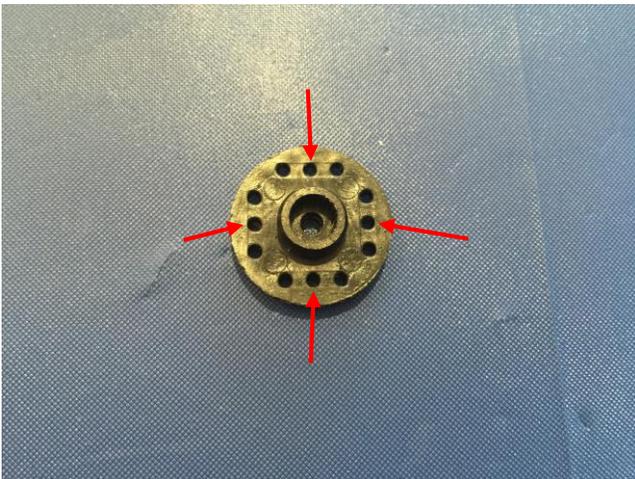


Glue all 4 walls.

CHECKPOINT!
Make sure all students have the walls inserted all the way.



Once checked, continue and hand each student 2 bug screws and 1 round servo head (next picture)



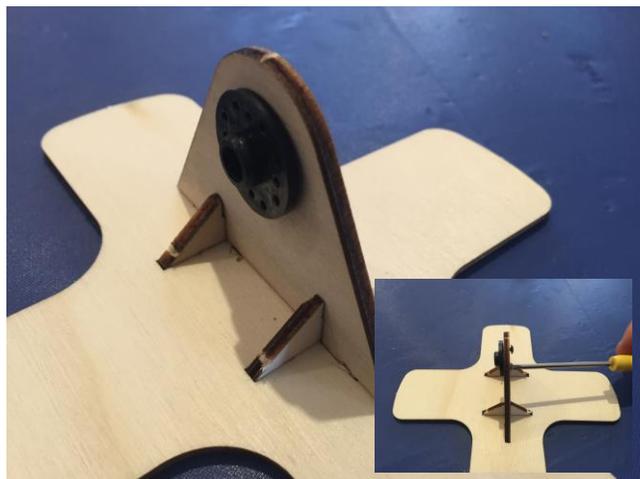
In order to prevent mistakes later, explain to the students how to use these servo heads.

The bug screws should only be drilled into the servo head's middle holes.

As you can see we have 4 rows of 3 holes, the screws should be drilled through the middle ones only (red arrows).

IMPORTANT: the servo head has a flat side and a side with a round bump. **The bump should never face the wood!!!**

Give the students safety instructions before handing out screwdrivers.

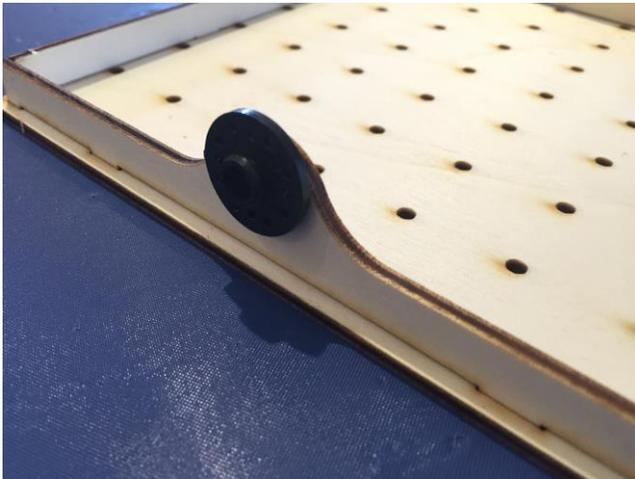


First, screw the bug screws just enough to get them to the other side of the wood. Then place the servo head in its place, only then one by one tighten the screws.

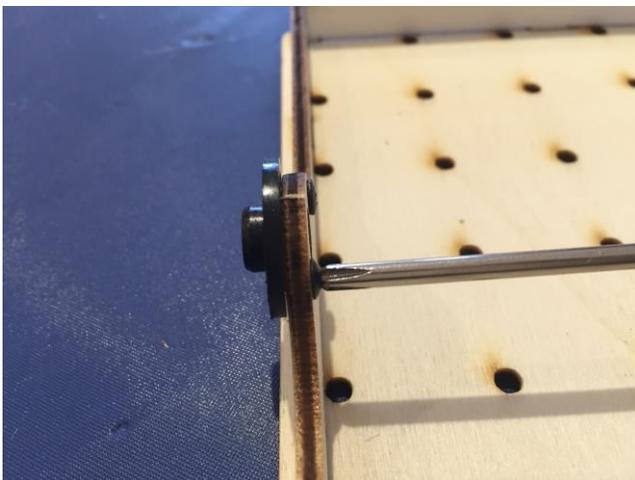
CHECKPOINT!!!



Once checked, hand the student 2 more bug screws and a round servo head. Insert both screws to the side wall of the maze. Screw the bug screws just enough to get them to the other side of the wood.



Place the servo head from the outer side of the wall. Align it so the screws meet only middle holes (like shown earlier in this lesson plan)



Use a screwdriver to tighten the screws into the servo head.

CHECKPOINT!!!

Collect all the screwdrivers! Check all the servo head and make sure they are centered.

If you have time, continue coloring the maze. If not, have the students put all the parts in their plastic bag, collect the bags and clean the classroom.