

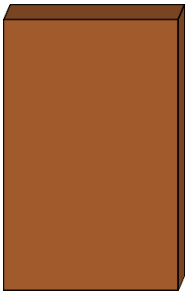
# Materials

A



2 x [31 cm x 45 cm] (Sides)

B



2 x [20 cm x 31 cm] (Front / Back)

C



1 x [18 cm x 45 cm] (floor)

D



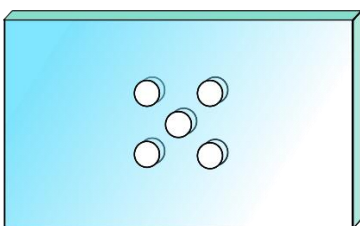
1 x [18 cm x 30 cm] (dividing wall)

E



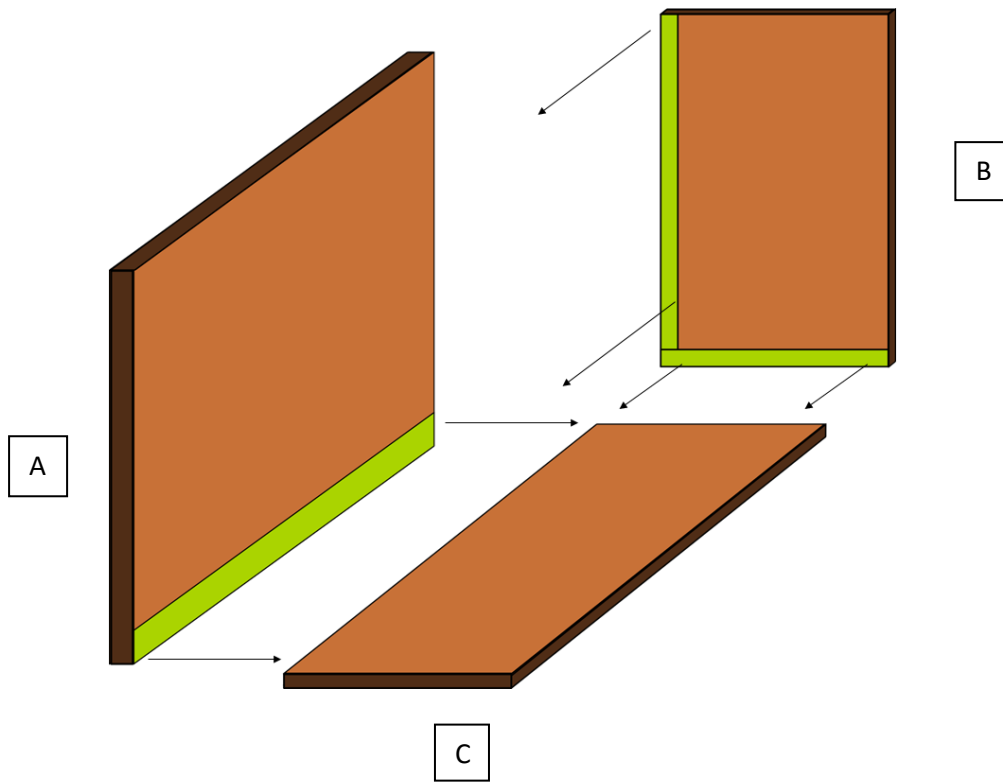
1 x [14 cm x 18 cm] (top back)

F



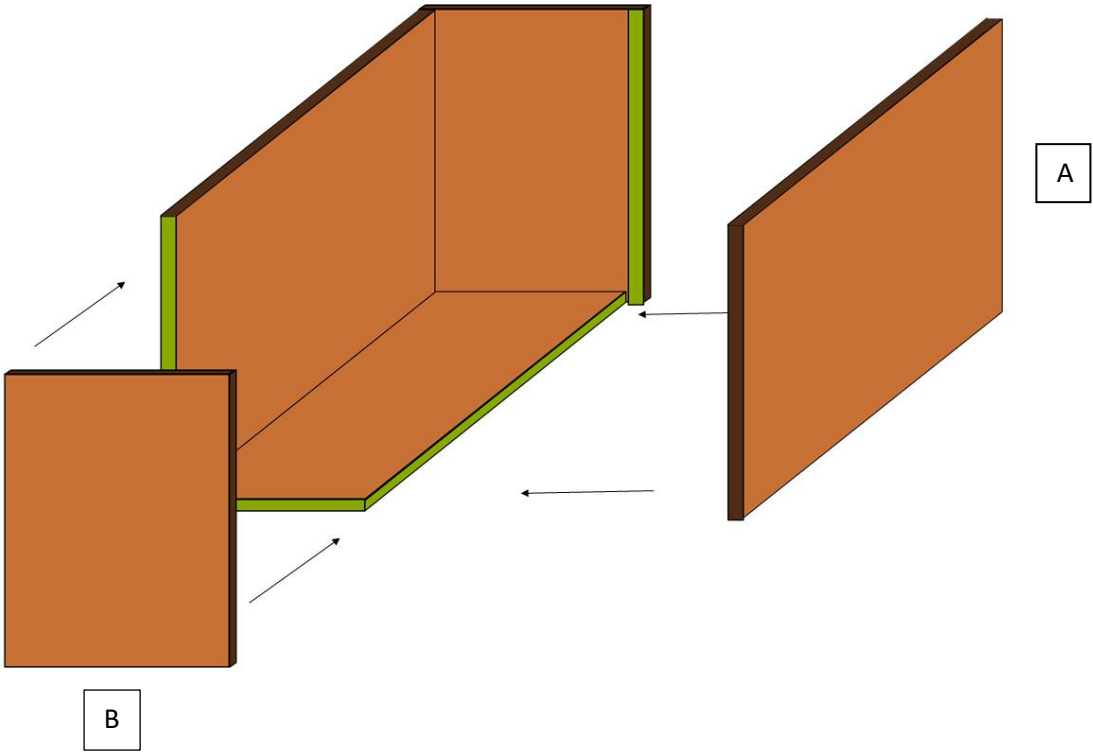
1 x [18 cm x 30 cm] (top)

1)



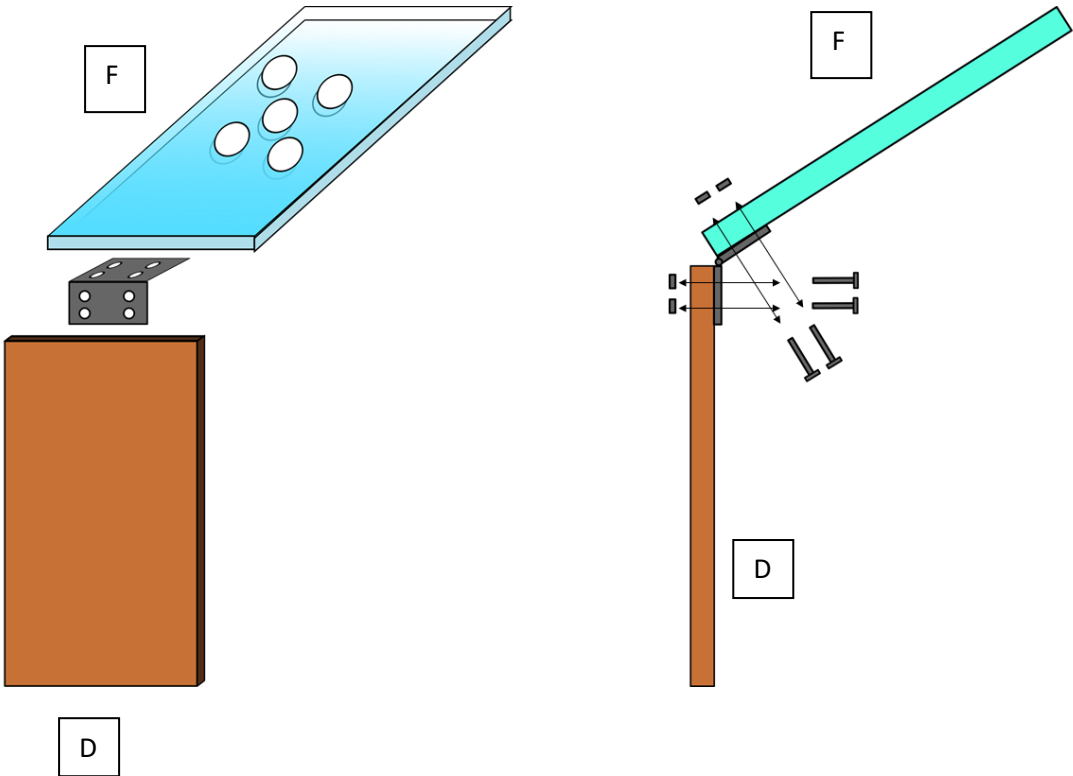
Assemble the parts (A), (B) and (C) to get your basic kaSTAN structure. Do so using wood glue. Proceed with testing your electronics before putting together the rest. It is harder to test with your kaSTAN fully assembled.

2)



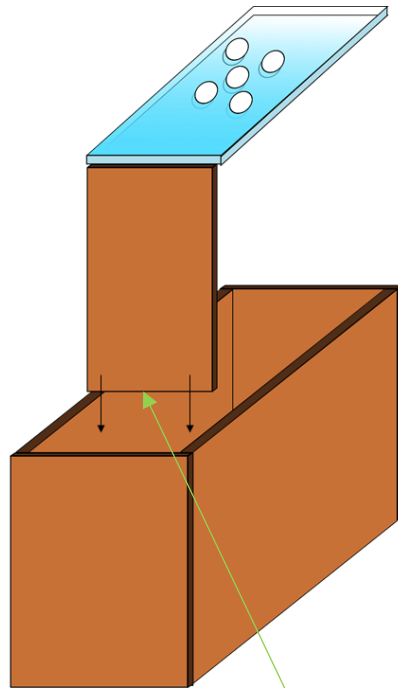
Finish your basic structure by adding the lacking side and front / back.

3)



Put together the dividing wall with your top. Use a medium sized hinge, bolts and nuts.

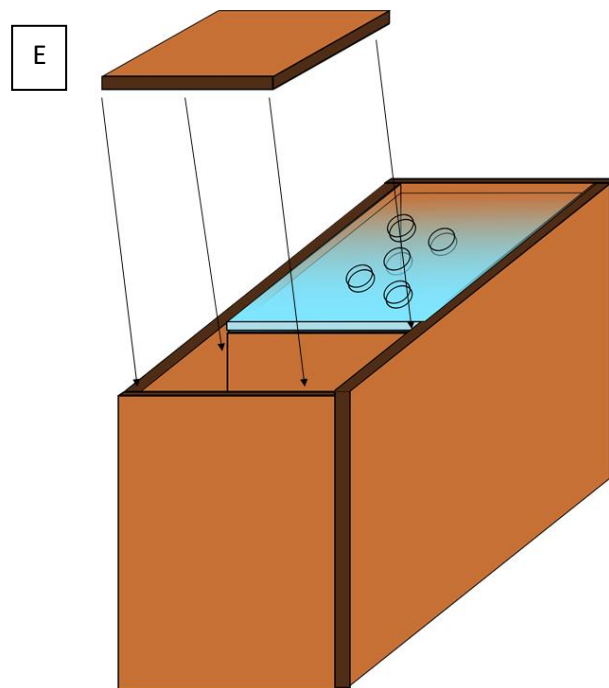
4)



Glue the part from step 3) into your basic kaSTAN structure from step 2).

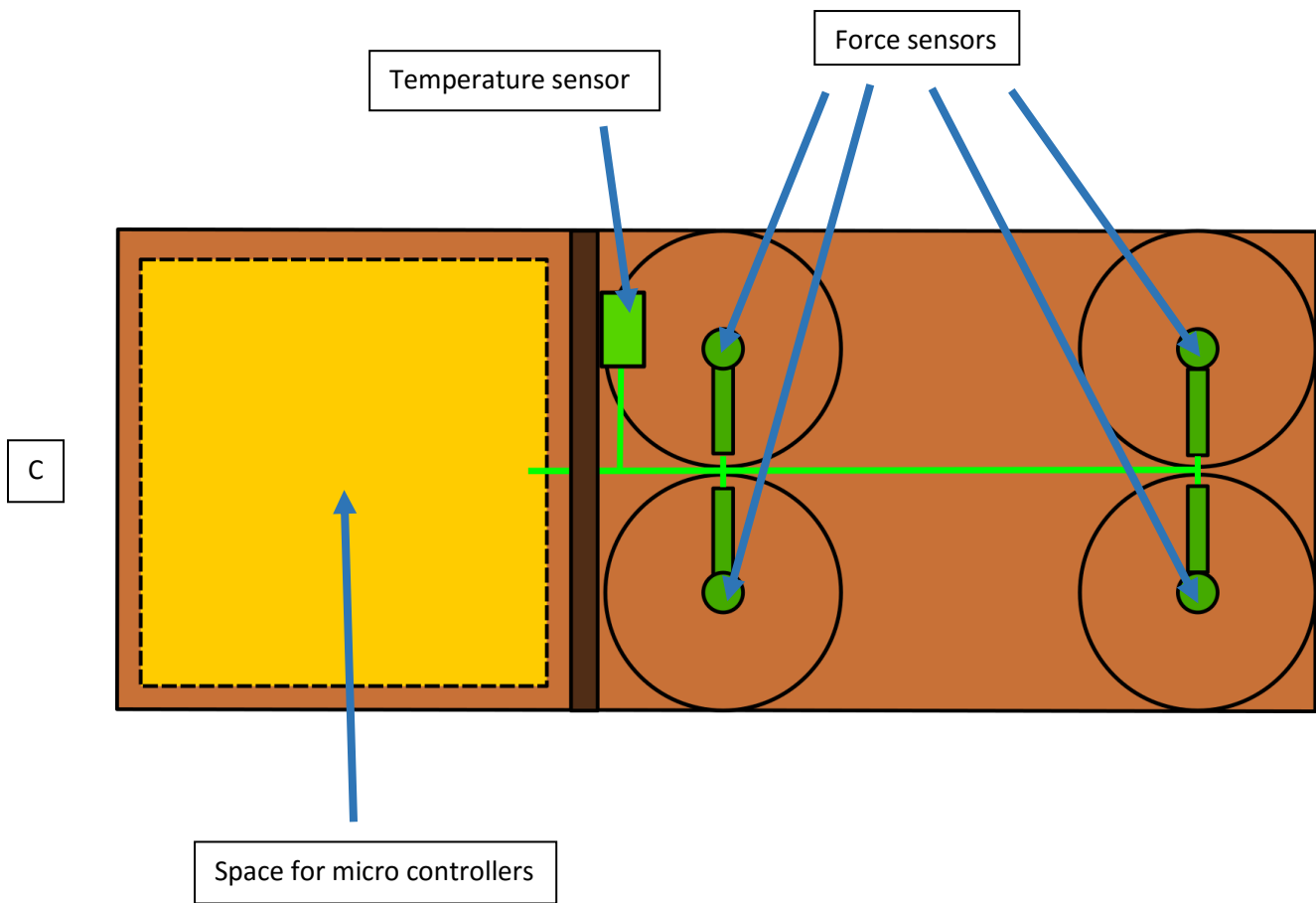
[NOTE: Leave a little space at the bottom of part D for the wires]

5)



After finishing the electronics, close kaSTAN with part E.

# Electronics



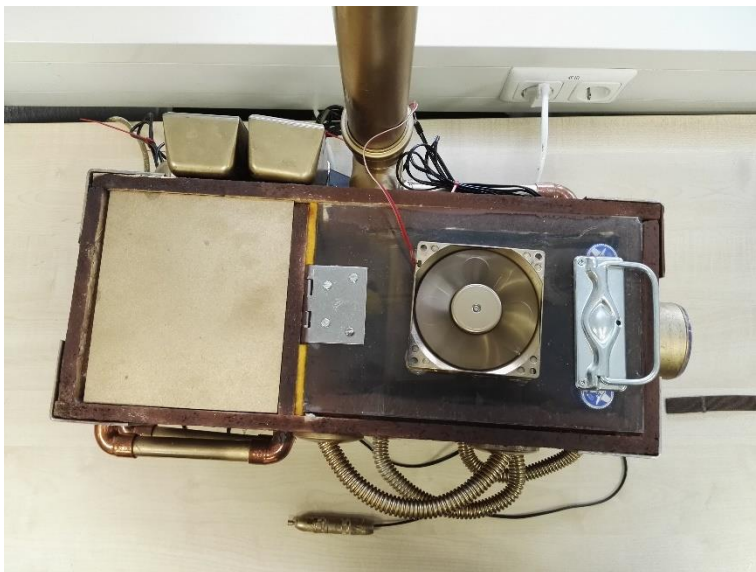
The bottles will eventually stand on the round spots. The force sensors will tell the system the status of the bottle in question.

# Cooling system



When you lick your finger and hold it in the wind, it gets cold. We used that principle to build a basic cooling system.

There are two slightly moist sponges in the kaSTAN (view picture).



On top, there is a PC cooler that blows air through the holes in the lid.



# Design

The design of your kaSTAN is entirely up to you. Get creative and try some things! ;)

We went for a steam punk design.

