

118.026

# Lifting Platform TÜV Hessen Kids



## Tools

1	Hammer	1	Screwdriver long PH2
1	Combination Wrench		

## Material

1	Base Plate 1/1	2	Flexible Tube Lifting Platform 18 cm
2	Pipe Clamp PG 11	2	Nut M5
1	Syringe 20 ml	2	Lens Head Screw M5*12
2	Syringe 10 ml	1	Batten Tilt Angle
1	Discofix	8	Thumbtacks
1	Girl	1	Car
3	Boys	1	Ramp

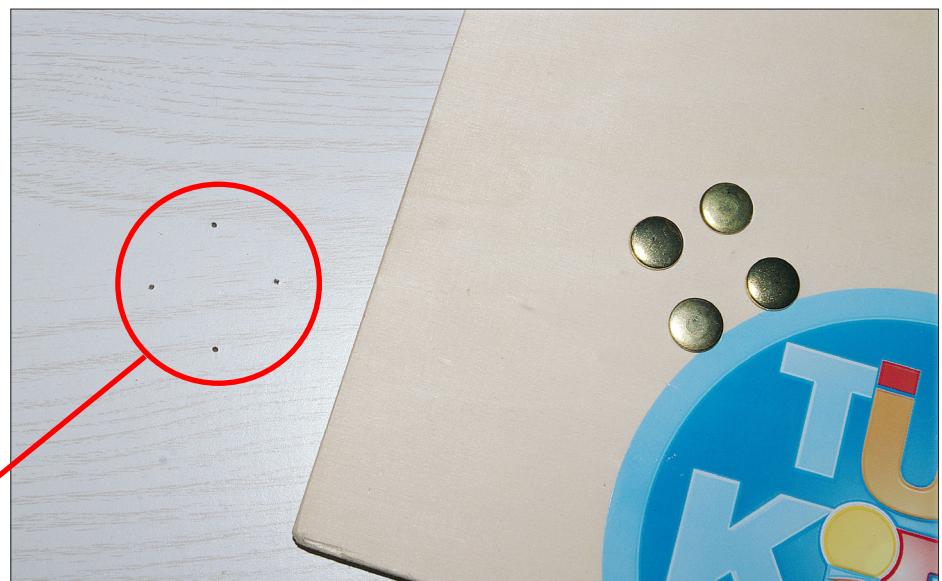
# Lifting Platform



Place the template on the base plate, insert the 8 thumbtacks into the holes and hammer them not too tight.

Remove the template from the base plate together with the thumbtacks.

Now you have 8 **pre-punched holes** on the board for the base.



**OPITEC**

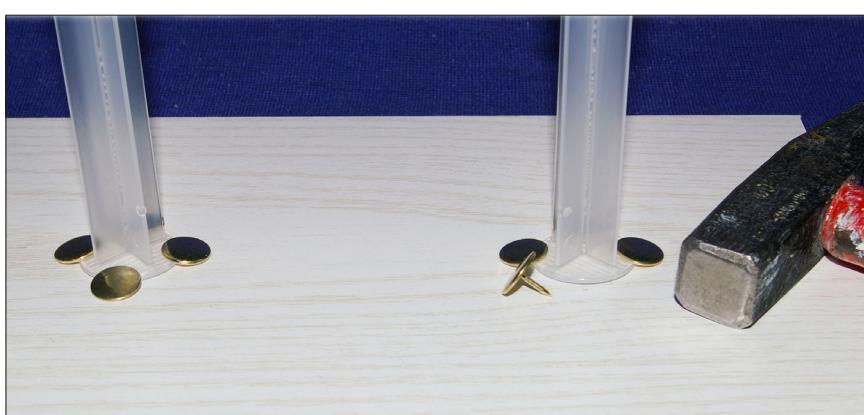
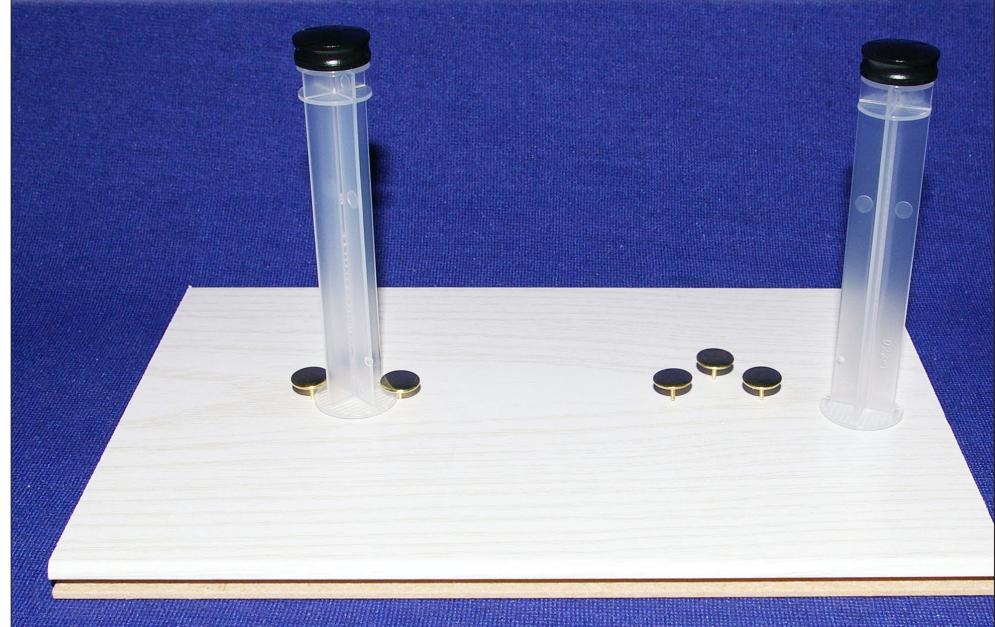
Syringes consist of a cylinder containing the filled in medicine. With the piston you can press it out.



Pull the pistons from the cylinders.

Place the pistons upright upon the board.

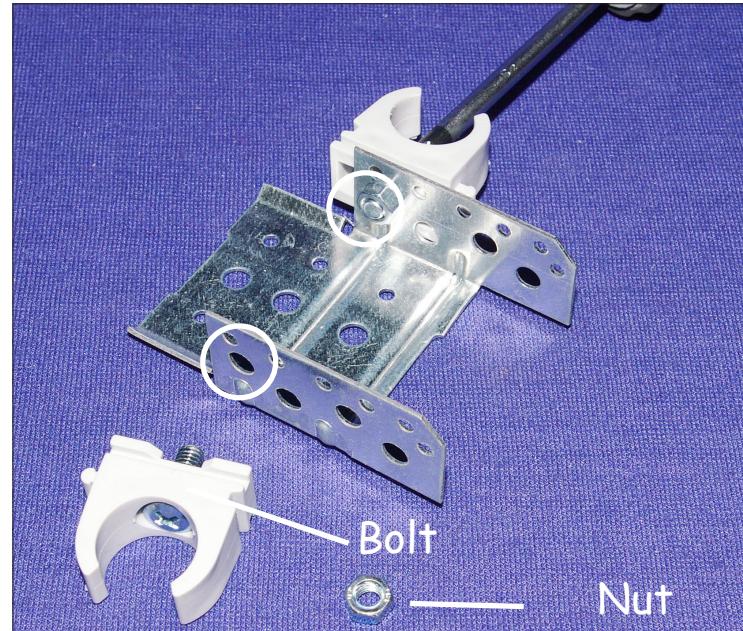
Insert three thumbtacks each into the prepunched holes. Push the upright standing pistons into the area between the thumbtacks.



Fix the cylinder pistons completely by inserting the fourth thumbtacks into their holes and hammering them to the board.

Insert the bolt into the hole of the cable clamp holding the screw head in place with your index finger.

Put the platform with the **correct hole** onto the bolt and screw the nut tight to the thread using your fingers.



Tighten the bolts with the screwdriver holding the nuts in place with your fingers.

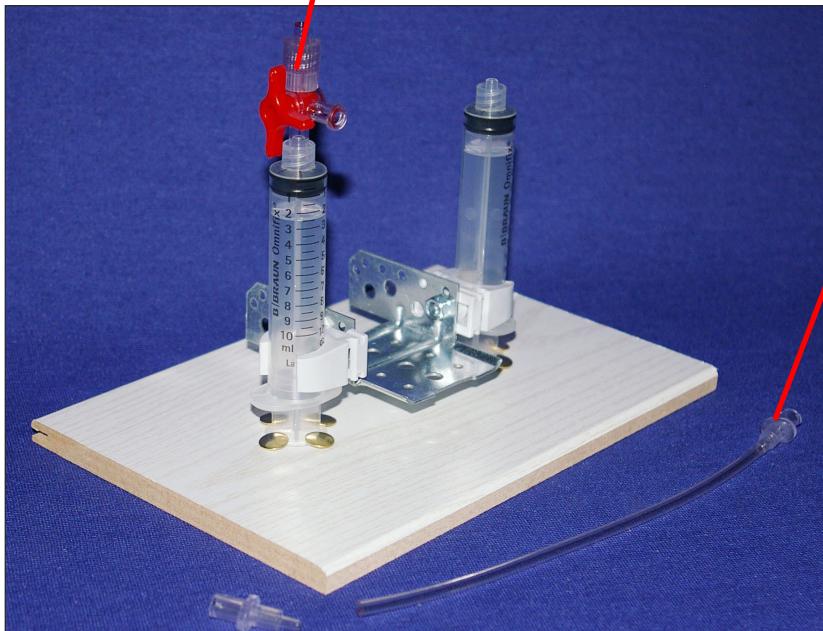
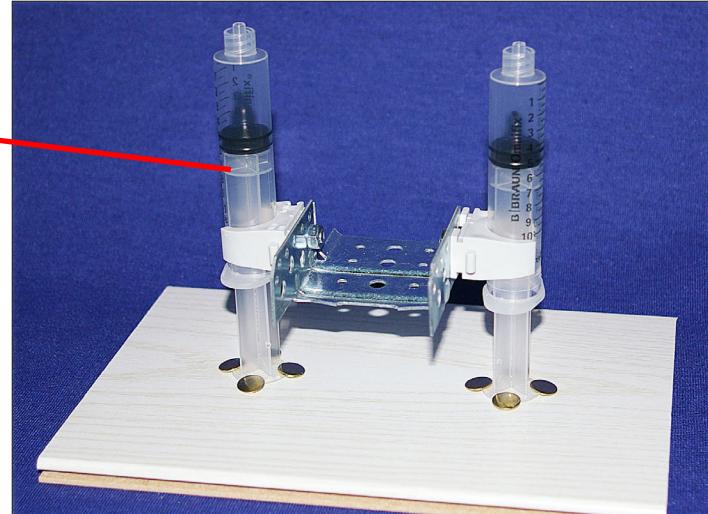


From below push the cylinders into the cable clamps up to the stop.

Don't push the cylinders sideways into the clamps, they would be pressed too much and break.

Now push the platform with the cylinders onto the cylinder pistons.

Examine thoroughly the **three-way valve** and find out how it works. Then attach it to the left cylinder according to the photo.

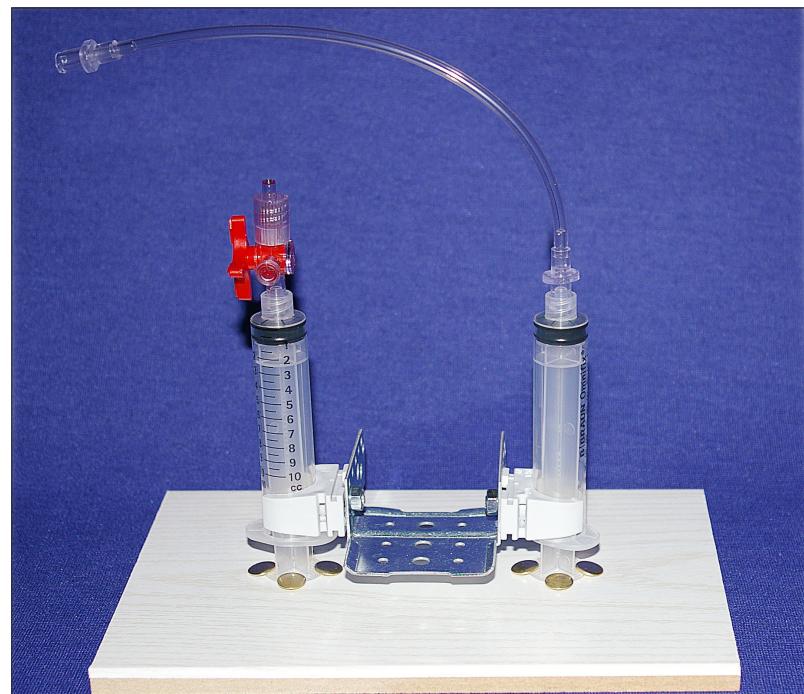


Attach **plug-in connections** to both ends of a tube. (Attention, don't use the screw connection.)

Now check if the connections are attached tightly.

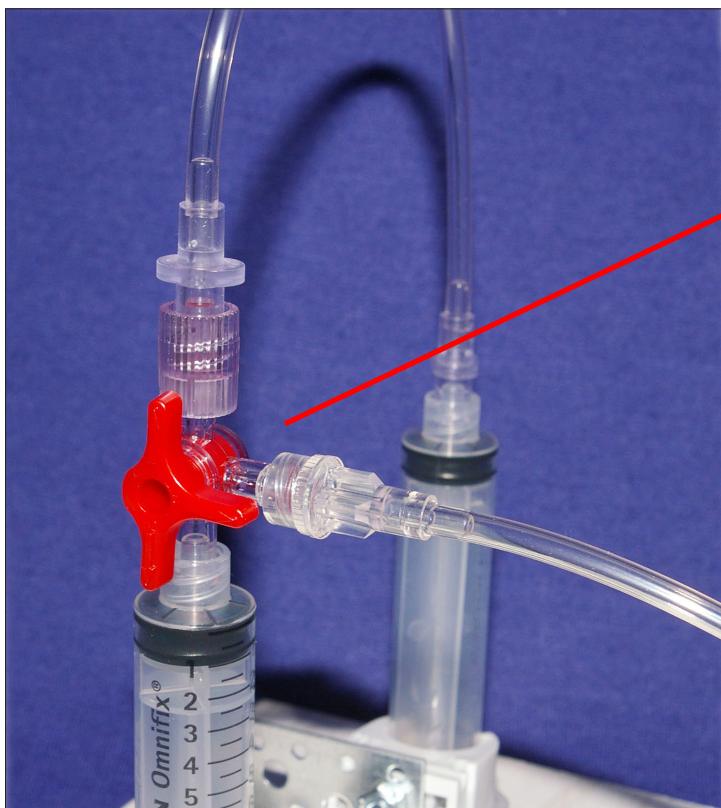
Screw the tube first to the right syringe, otherwise it would twist.

Insert the plug-in connection into the upper opening of the three-way valve and from below screw the sleeve onto the plug-in connection.



To one end of the second tube attach a screw connection and a plug-in connection.

Check if all connections are attached tightly.



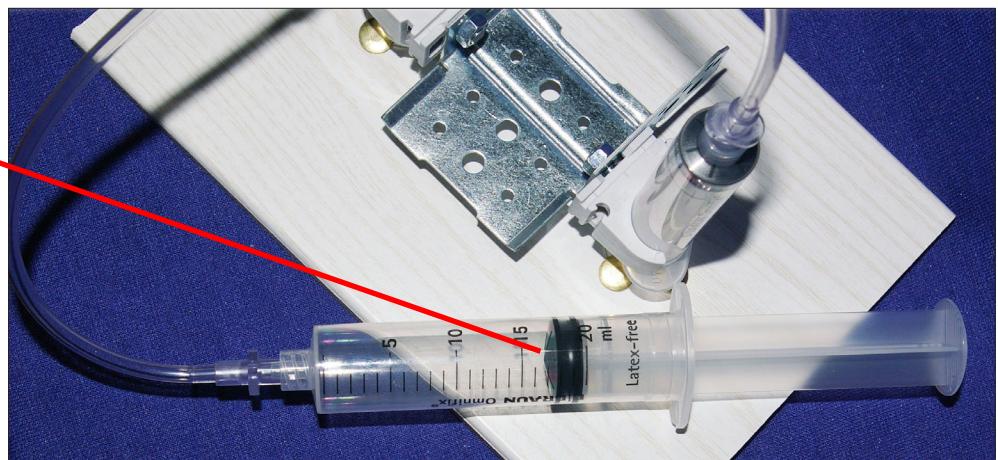
Attach the screw connection to the **opening of the three-way valve** pointing in your direction.

Choose the position of the valve as shown in the photo.

The passages from bottom to top and in your direction must be open.

Push the platform completely down.

Draw up the syringe up to **18 ml** and screw it onto the plug-in connection of the tube.





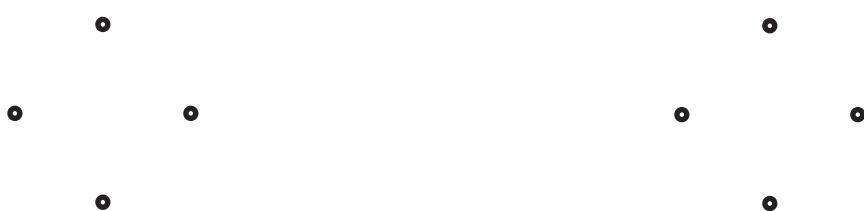
Fold the ramp along the prepunched lines to a driveway for the lifting platform.

Take the prepunched parts for the car and fold and glue them together. You can place this car as decoration upon the lifting platform.

Check if you can move your lifting platform up and down with the 20 ml syringe.



## Lifting Platform



If you press air from the large syringe into the small ones the lifting platform rises.



