Instructions

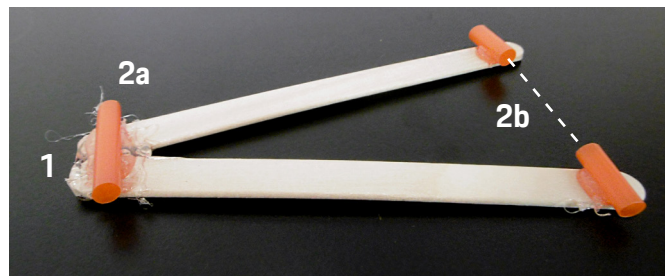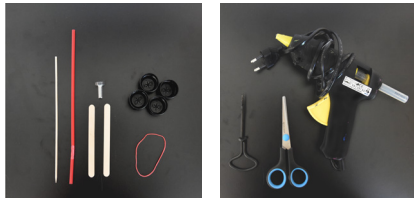## Your Porsche car with a Rubber Engine

What you need:
2 wooden ice cream sticks
1 straw
1 wooden stick
4 plastic bottle lids
1 screw
3 rubber bands

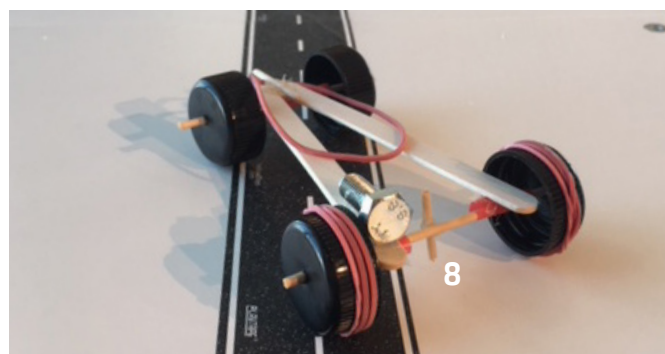**Your tools:**
1 hot glue gun
1 pair of scissors
1 screwdriver

> Hello, build your own Porsche! Sustainability is extremely important to us. Have fun!

Step 1:
❯ Glue two wooden ice cream sticks together on one end so that they form a V-shape. (1)
❯ Then cut the straw into little pieces and use the hot glue gun to glue three small pieces onto each end of the wooden ice cream sticks. (2a+b)
Make sure that the two shorter straw pieces (2b) are aligned in a straight line.

Step 2:
❯ Screw a hole into the middle of the 4 plastic bottle lids (hole should be big enough to make the wooden sticks fit through).
❯ Then you build the front and the rear axle: Cut in a wooden stick so that both axles on the left and on the right are a little longer than the straw pieces. Push them through the straws and put the 4 wheels up. (3a+b)
❯ Now glue into the middle of the rear axle (longer wooden stick at the back) a small piece of wooden stick as on the photo. (4)
❯ Then glue a small piece of the wooden stick to the front axle so that it points in the direction of travel. (5)
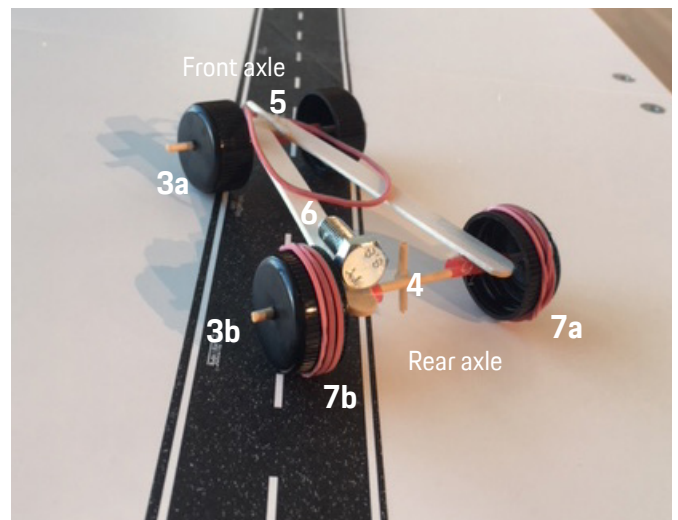❯ Glue the screw to a wooden ice cream stick on the rear axle for weighting. (6)

Step 3:
❯ Wrap one rubber band around each of the two rear tyres. (7a+b)
❯ Put 1 rubber band over the front wooden stick and pull it to the back over the second small piece of wood at the rear axle.

Great, now your Porsche car with a rubber engine is ready! Now turn the rear axle backwards in order to stretch the rubber band. Then put the car on the ground and let go of the rear axle! Have fun!
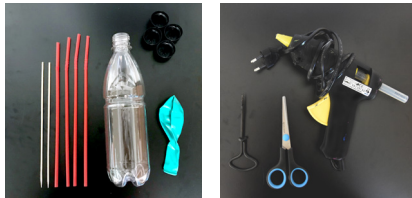
Porsche 4Kids

Instructions

Porsche Car with Air Drive

What you need:
1 plastic bottle
4 straws
2 wooden skewers
4 bottle tops
1 balloon

Your tools:
1 hot glue gun
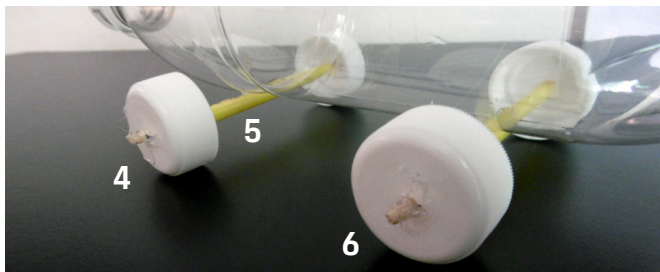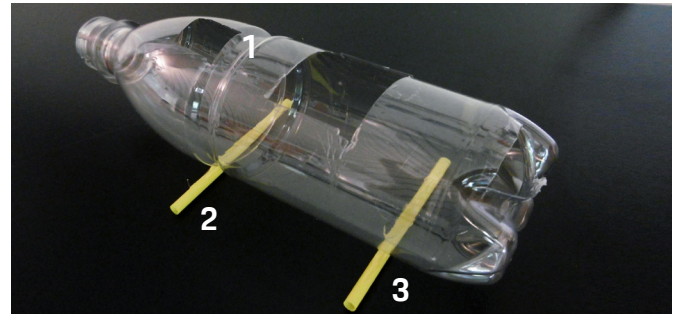1 pair of scissors
1 screwdriver

Hello, build your own Porsche! Sustainability is extremely important to us. Have fun!

Step 1:
- Cut a square hole into the middle of the bottle, as well as a smaller one into the bottleneck. Therefore, screw 4 holes into the edges of the square. (1)
- Then cut one straw into half, so that you have two pieces which are both longer than the width of the plastic bottle. (2)
- Turn the bottle around and use the hot glue gun to glue each piece of the cut straw on the bottle (as seen in the picture). (3)
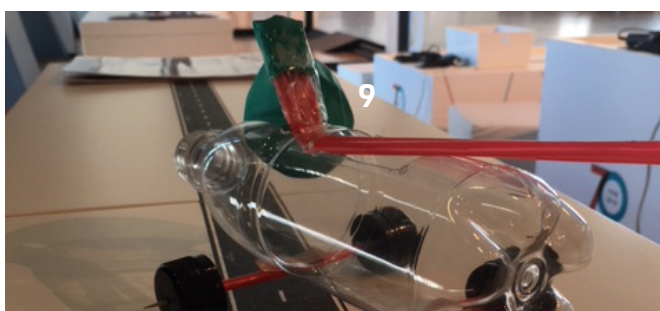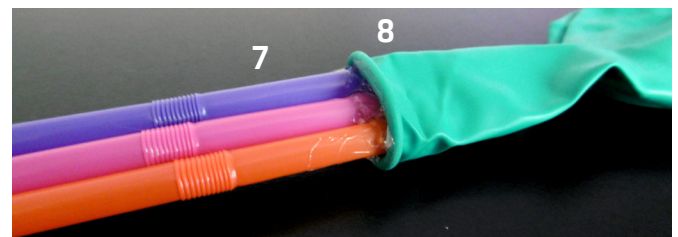

Step 2:
- Screw a hole into the middle of the 4 plastic bottle lids. The hole should be big enough to make the wooden sticks fit through. (4)
- Cut the two wooden sticks so that they are slightly longer than the straws. (5)
- Then stick each wooden stick through the straws and glue a bottle lid at each end (eventually you have to use the hot glue gun). (6)

Step 3:
- Use the hot glue gun to glue 3 straws together. (7)
- Then pull the balloon over the straws and glue the balloon onto them. (8)
  Attention: the connection between the balloon and the straws must be airtight otherwise you won't be able to blow air into the balloon later on.

Step 4:
- Now put the three straws that are glued together with the balloon through the small hole and then pull it through the square hole as in the photo. (9)
- Great, your car is ready! Now you can blow air through the straws into the balloon and let go of your car. The car should pace away.
  Have fun!

Porsche 4Kids