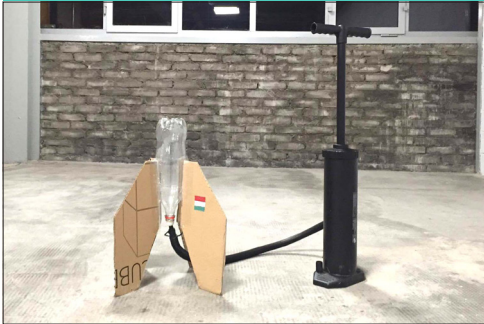


# WATER ROCKET



Have you ever dreamed of being an astronaut?  
The sky is no limit, build your first rocket!

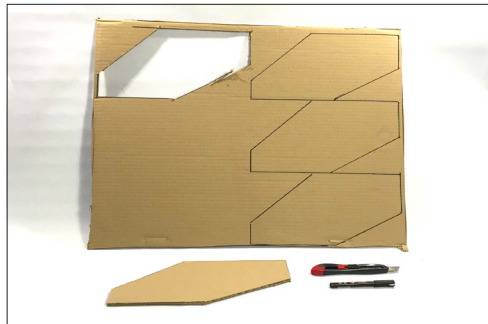


## BEE CREATIVE Tools and materials



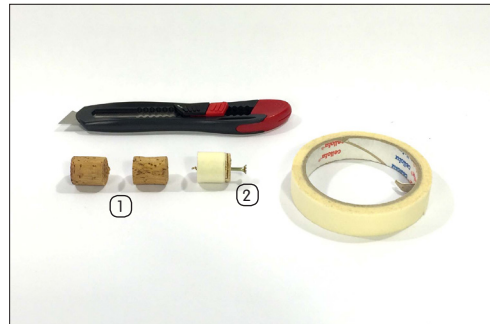
1. Cardboard
2. Cork and Screw
3. Plastic bottle
4. Tape
5. Ruler, Utility Knife and Pen
6. Air pump with needle adaptor
7. Eye Protection (swimming goggles)

## BEE CREATIVE Step 1 – Draw and Cut



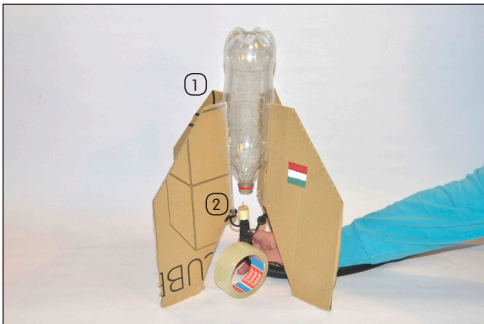
1. Using a ruler draw 4 wing like shapes on the cardboard
2. Cut out the 4 wings using the utility knife.

## BEE CREATIVE Step 2 – Prepare Cork



1. Use your utility knife to cut the cork in about half.
2. Use a thin screw to make a hole through the cork
3. Put the needle of the air pump through the cork.

## BEE CREATIVE Step 3 – Assemble wings



1. Tape the 4 wings on the bottle as shown in the picture (bottle should be turned upside down)
2. Check to see if the cork fits securely in the bottle. If the cork does not hold tight in the bottle, put some tape around the cork.

## BEE CREATIVE Step 4 – Prepare to launch



1. Fill half the bottle with water
2. Place the cork with the needle from the air pump into the bottle opening
3. Put on the eye protection
4. It may take a few test launches until you find the right pressure of the cork.

## BEE CREATIVE Step 5 – Lift-off



1. Pump until the pressure in the bottle is built up
2. The bottle takes off on its own
3. Enjoy the maker-magic!

## BEE CREATIVE Notes

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