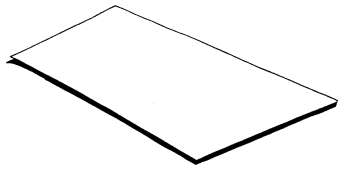
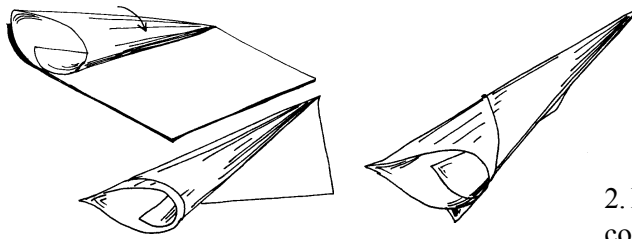


ROCKET PROJECTILE

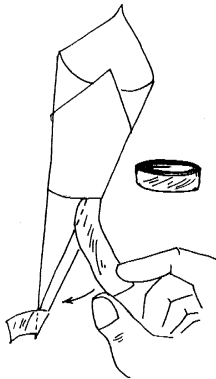
This is a very dramatic experiment. You just need a PVC pipe, paper, tape and scissors.
The paper cone "missile" when blown through a pipe flies in a trajectory and lands 15-20 meters away!



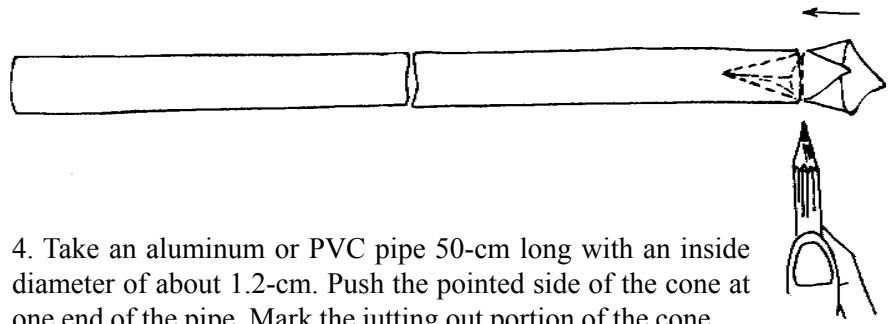
1. Take a 15-cm x 25-cm piece of old Xerox paper.



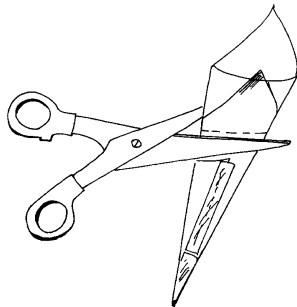
2. Fold it into a long conical shape.



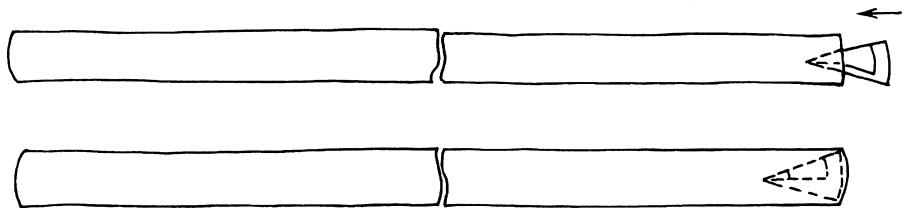
3. Tape the end so that the cone does not open up.



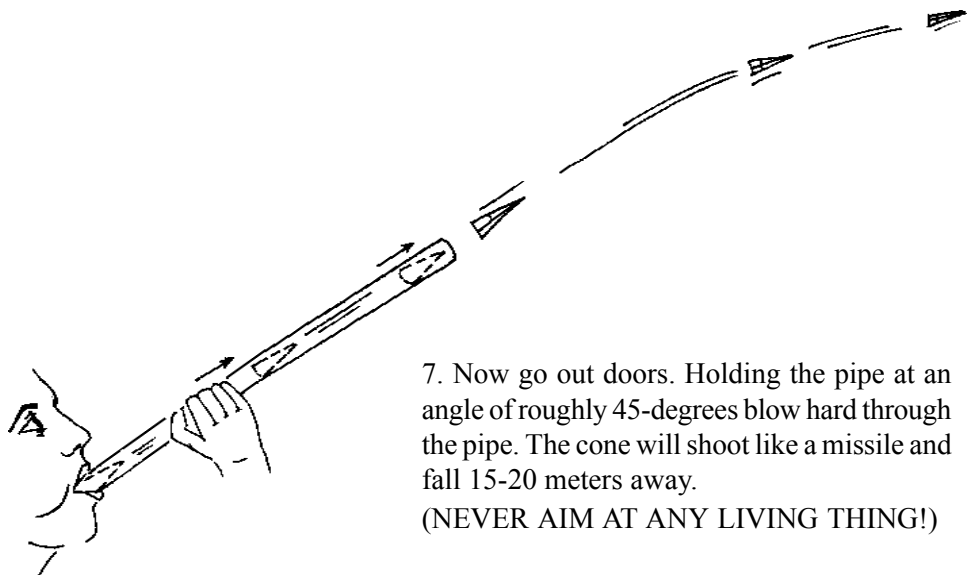
4. Take an aluminum or PVC pipe 50-cm long with an inside diameter of about 1.2-cm. Push the pointed side of the cone at one end of the pipe. Mark the jutting out portion of the cone.



5. Cut the jutting out portion of the paper cone with a scissors.



6. Now place the cone with its pointed end inwards at one end of the pipe. Push it inwards until it is flush with the end of the pipe.



7. Now go out doors. Holding the pipe at an angle of roughly 45-degrees blow hard through the pipe. The cone will shoot like a missile and fall 15-20 meters away.
(NEVER AIM AT ANY LIVING THING!)