

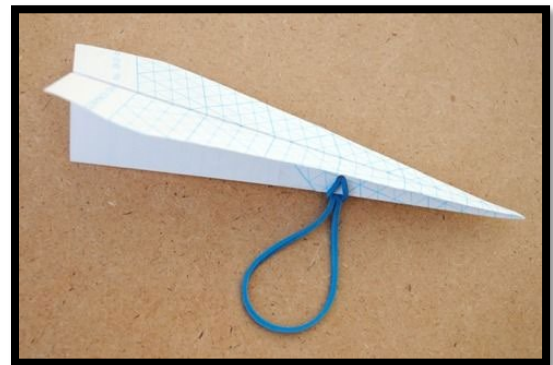
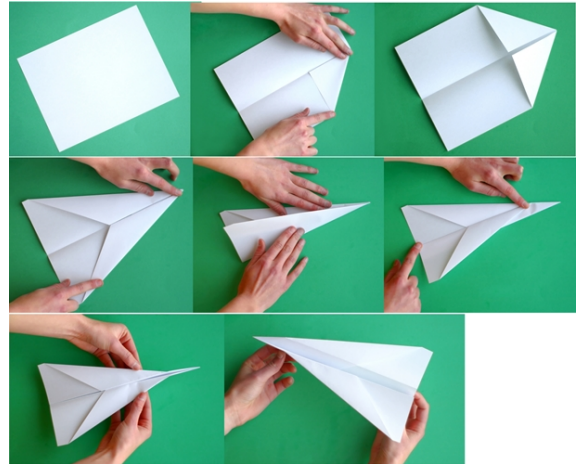
# **Paper Airplane Catapult**

## Materials:

- Paper
- Rubber Bands
- Crayons, pencils
- Hole Punch/Scissors

## Procedure:

- 1) Make the Arrow Paper Airplane following the picture as your guide- or create your own paper airplane.
- 2) Using the crayons, color your paper airplane. (optional)
- 3) With the hole puncher, punch a hole through the underside of the paper airplane.
- 4) Thread the rubber band through the hole and tie the rubber band to the plane.
- 5) Loop the rubber band over your thumb. Hold the back underside of the plane firmly. Pull back on the plane to stretch the rubber band. Let go of the plane and watch it SOAR! (make sure no one is near your launch area.)



## Why Does This Happen?

- Because the material in a rubber band will return to its original size when you let go of it, the tension throws the plane forward as the rubber band shrinks.