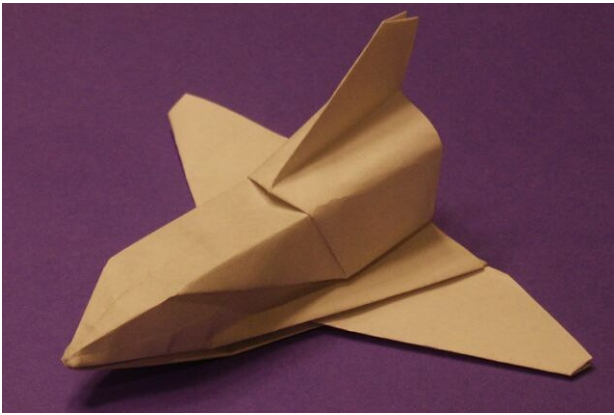


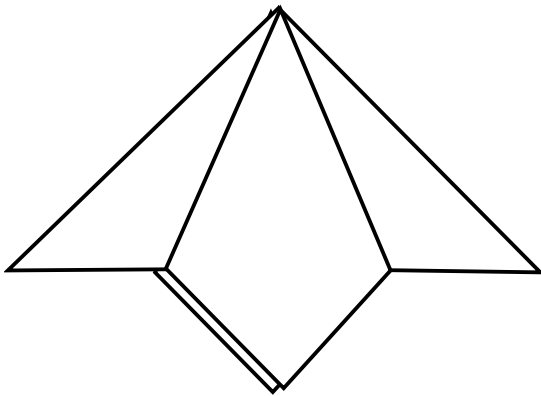
Space Shuttle



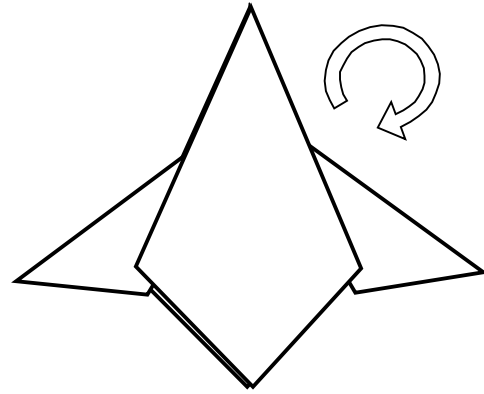
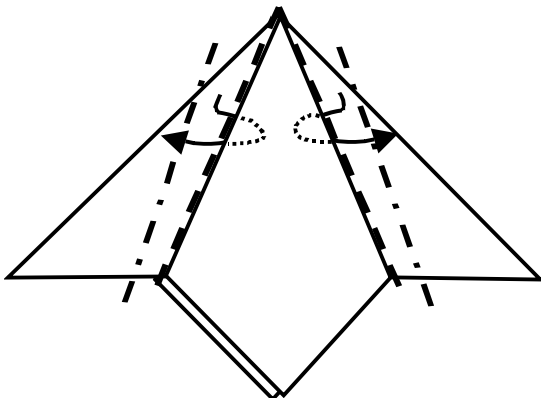
Developed in Apr '04 by Ching-Yu Hung

Start with a square piece of paper. Fold into water bomb base with the desired color side out.

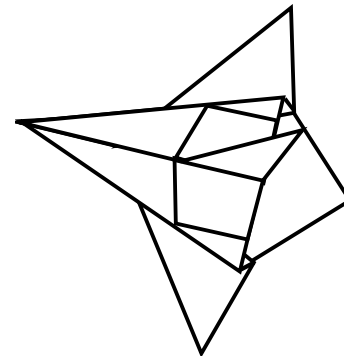
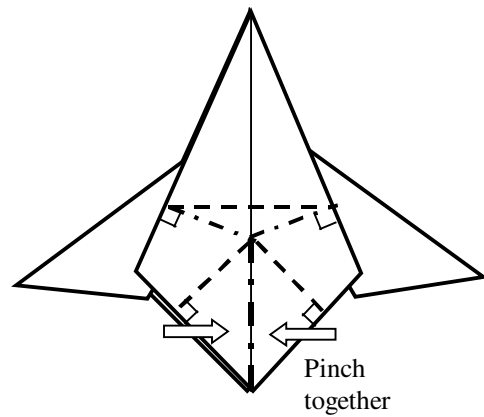
1
Squash (flatten) two opposite flaps. These shall be the top and base.



2
Fold the wings as shown. Two wings should be symmetrical. Tuck the folded overlap parts under the first flap.

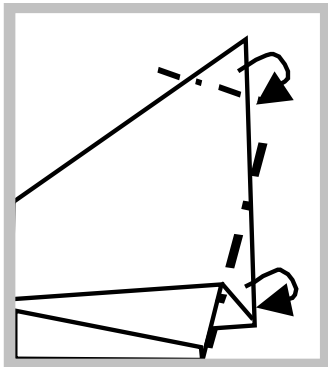


3
Flip the design over. Then, fold the top flap along the lines shown. Note the 4 right-angle markings. This is making the vertical stabilizer.



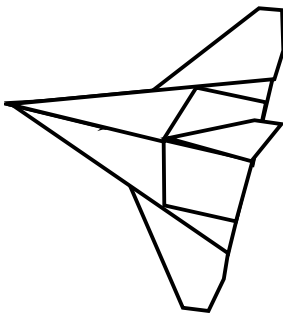
4

Tuck in the sticking-out part of the wings. The excess should be tucked in between the top and bottom layers of each wing.



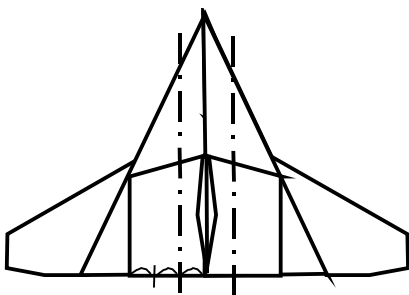
5

Tuck in the bottom flap to flush with the rear edge of top flap. Tuck into a layer that locks in the wings. Tuck in the tip of the vertical stabilizer too.



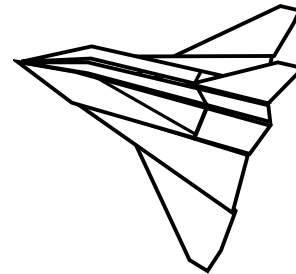
6

Make two mountain creases through all layers as shown. The crease line should be 1/3 from center of the top layer each side.



7

Shape the body from the center of the water bomb base.



Done.

Variations.

a) Back of the cockpit is a little bit loose. Glue can fix it of course. For purists, fold/tuck the flaps inside the left/right sides of the cockpit's rear opening.

b) Observe that the angle of the front part of the wings is not sharp enough, resulting in wings being too large. When folding the wings in step 2, fold in slightly more. The base triangle needs to be folded in a little bit too to match the angle.

c) Observe that space shuttle has bulge-out engine compartments near the vertical stabilizer. (Well it's got big engines too but I haven't figured out how to make them). Material for the bulge-out engine compartment can be formed by making the vertical stabilizer less steep (< 45-degree). To have the round-out shape, you have to avoid forming any crease on the top layer when folding step 6. In the end use pencil or chopstick to curve the engine compartment.

The model in the photo is folded with all these variations.