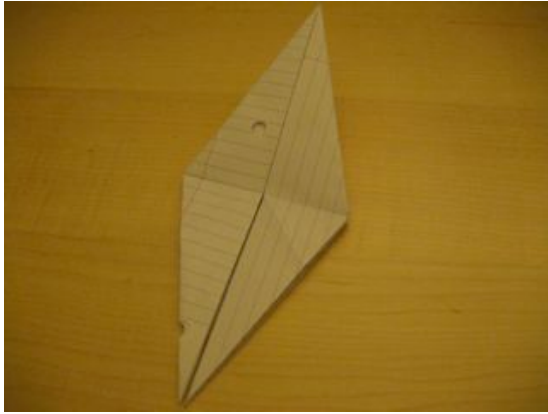


Firefly-Class Vessel Origami Instructions

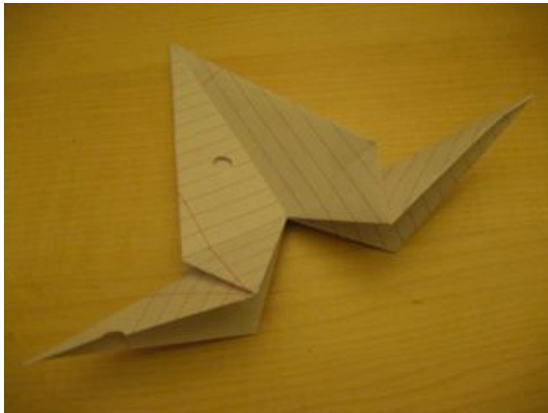
By Matthew Jee

Step 1



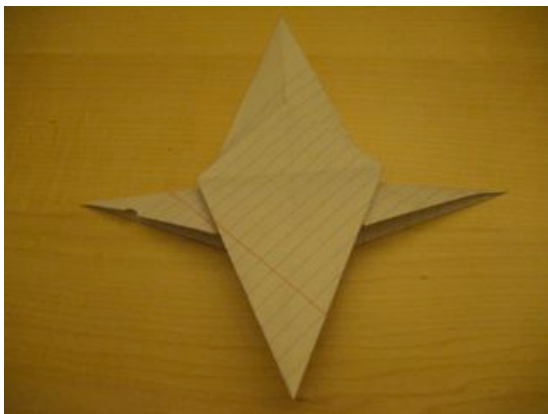
Obtain a square piece of paper and fold a Bird Base.

Step 2



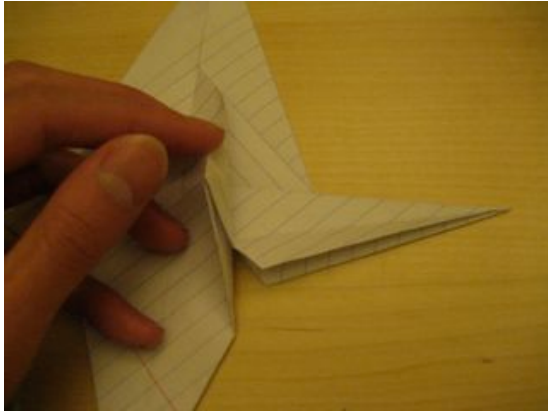
Inside-reverse fold both bottom flaps upward. These will become the “wings”.

Step 3



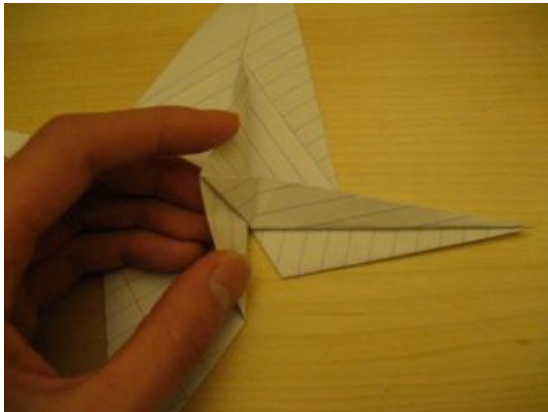
Fold down the central flap. This part will form the main “hull”.

Step 4



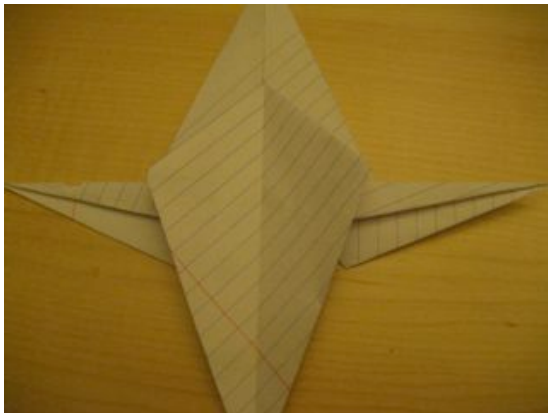
Begin folding one of the side flaps of the middle section inwards...

Step 5



... Then squash fold the "wing" upward as shown.

Step 6



Fold the side flap back to it's original position, then execute steps 4-6 on the opposite side.

Step 7



Valley fold the mid section all the way up to the it's top, and then mountain fold it back down, as shown. This section will be the main engine.

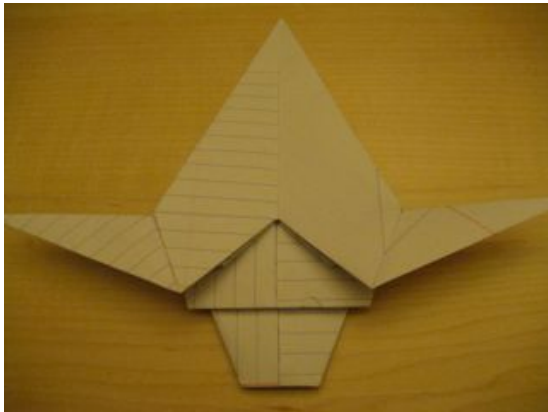
Zigzag fold :D

Step 8



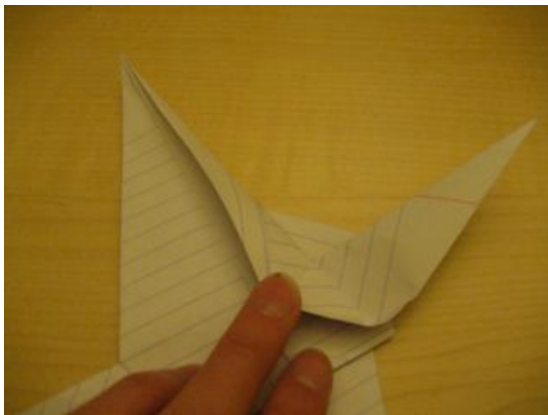
Valley fold the bottom tip upwards.

Step 9



Flip the ship-in-progress over.

Step 10



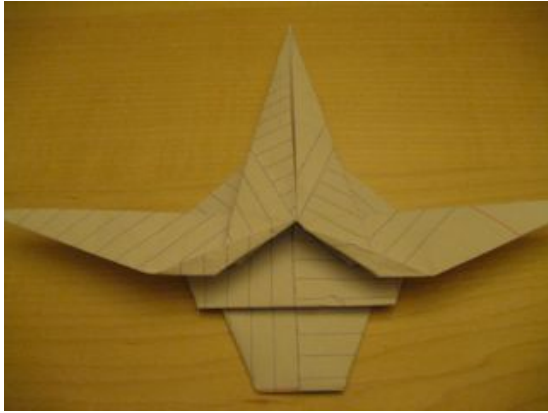
Begin folding in one of the sides of the middle area inwards...

Step 11



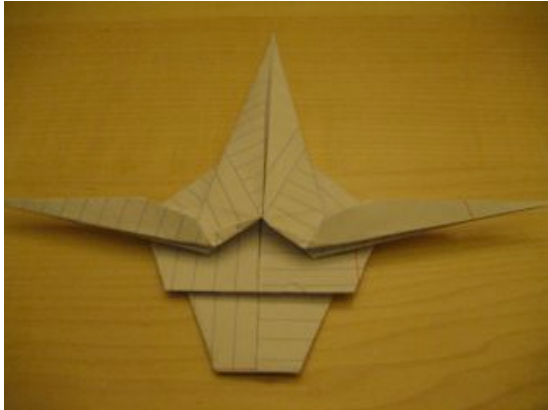
... While valley folding the "wing" slightly as depicted.

Step 12



Complete steps 10 and 11 on the other side.

Step 13



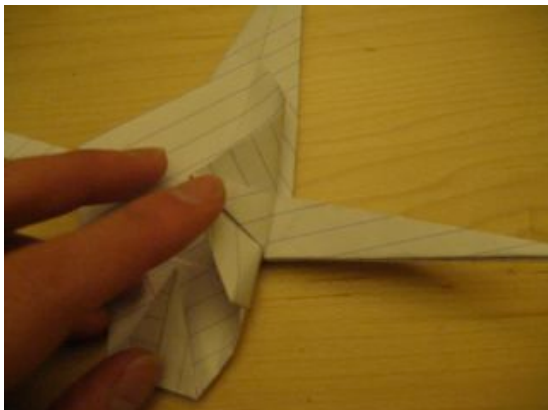
Valley fold the bottom half of each "wing" section up.

Step 14



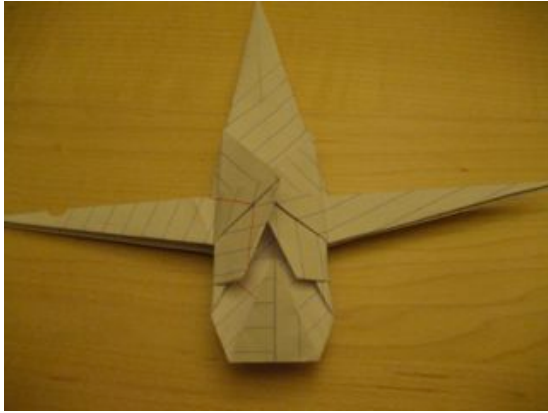
Flip it over!

Step 15



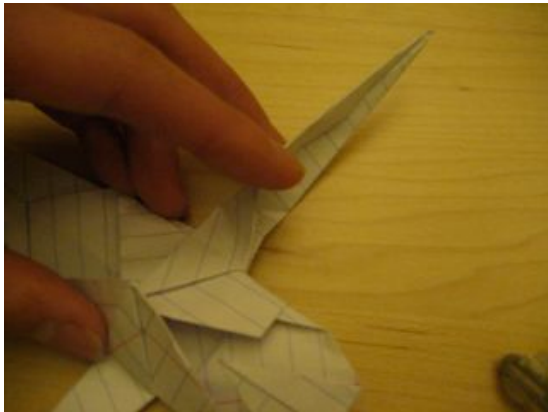
Take one side of the main section and fold it inward.

Step 16



Do step 15 for the other side of the paper. These folds will be somewhat temporary.

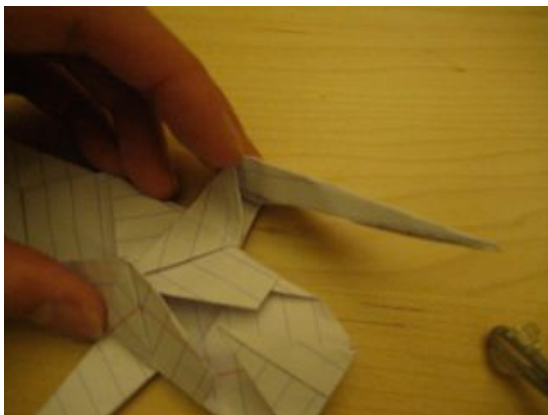
Step 17



The next couple steps will focus on the wings/engines.

Begin by “opening” one of the “wings” part way...

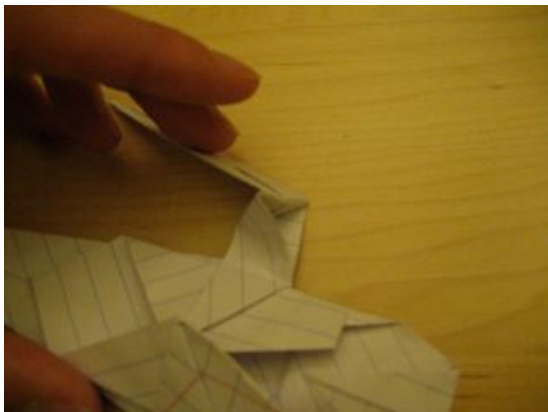
Step 18



... and inside-reverse folding it backwards.

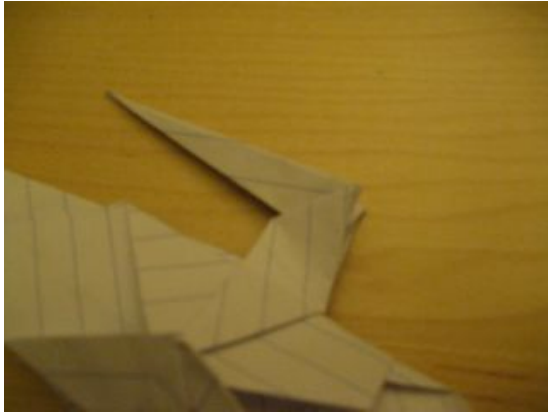
Make sure you don't fold the entire wing back! That will turn the wings into short stubs.

Step 19



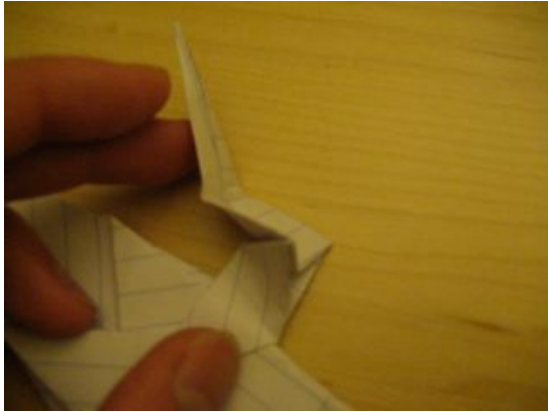
Now take the area that you just folded back and fold it forward.

Step 20



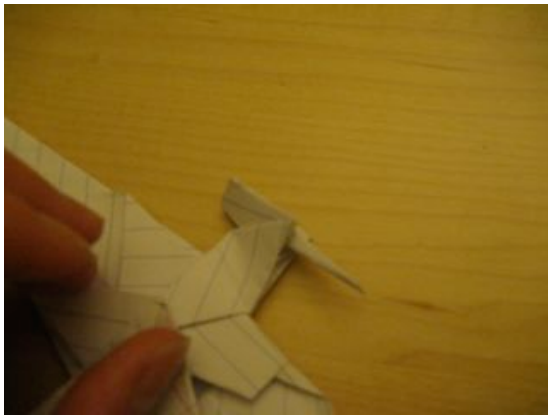
Step 19 completed.

Step 21



Fold back the section once more..

Step 22



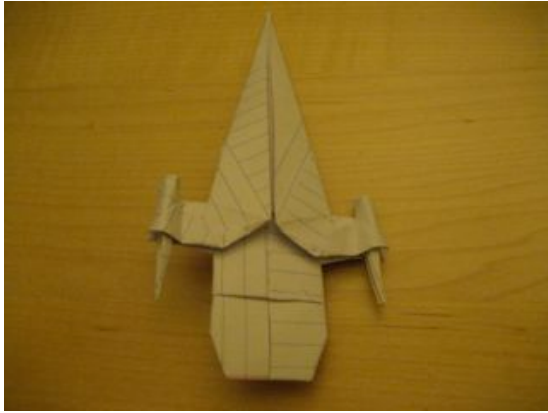
... and one engine is completed! You can curve the engine a to make it rounder if you want.

Step 23



Execute steps 17-22 on the other side.

Step 24



Flip it over.

The next steps will be very unorthodox, so read them carefully and analyze the pictures!

Step 25



You will now form the bridge/neck section of the ship.

Pinch the top triangular section in such a way that causes it to stick up. You want it to be slanted more upward than forward. See the image to the left.

Step 26



Flip the model over again.

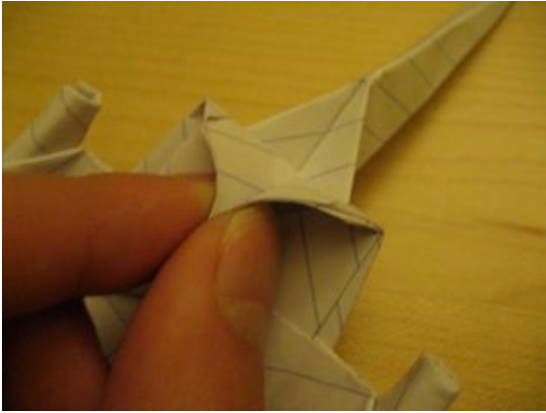
The bridge/neck will be finished later.

Step 27



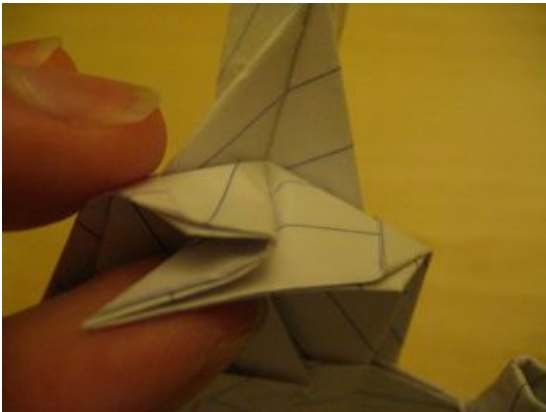
Mountain fold the flap which is directly below the neck downward as shown.

Step 28



Pinch the flap that you folded back in step 27 like shown...

Step 29



... and crease it as depicted, in both directions.

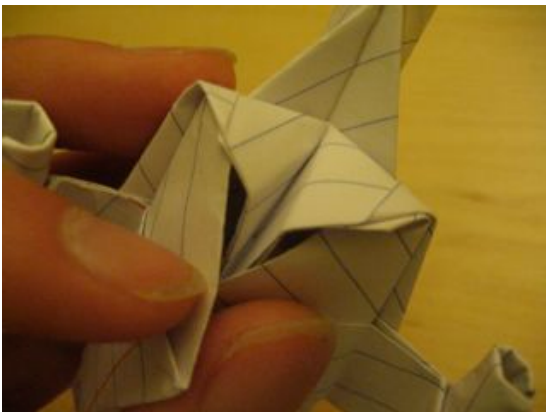
This will form the front ramp/door to the cargo bay of the ship.

Step 30



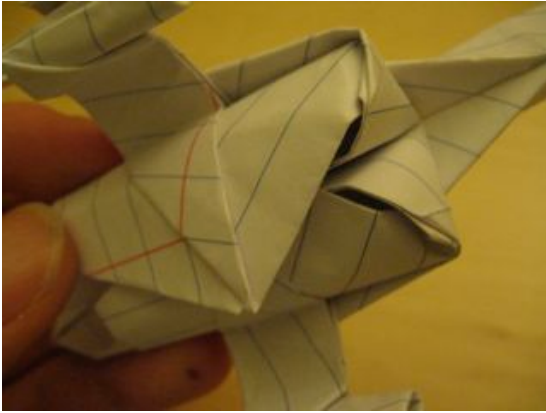
Now open the two flaps that you folded in step 15 and...

Step 31



... wrap them around the front door. You may have to do some "rounding out" to keep the flaps in place.

Step 32



Step 31 completed.

You can take creative liberties on how exactly you fold this section of the hull.

Step 33



Now back to the bridge/neck area.

Step 34



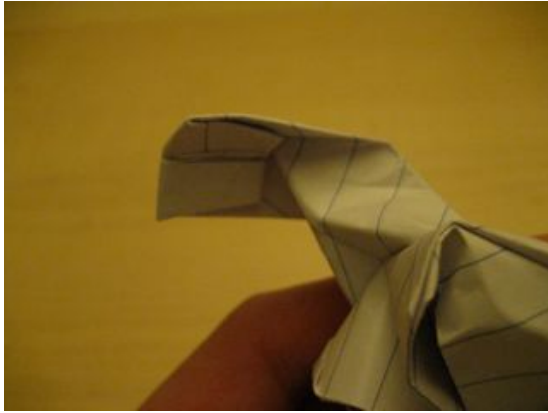
Outside-reverse fold the neck as shown, giving it a slight downward slope.

Step 35



Fold the tip of the head inward.

Step 36



Fold the tip inward once more.

Step 37



Round out the main bridge by folding in the two sharp tips.

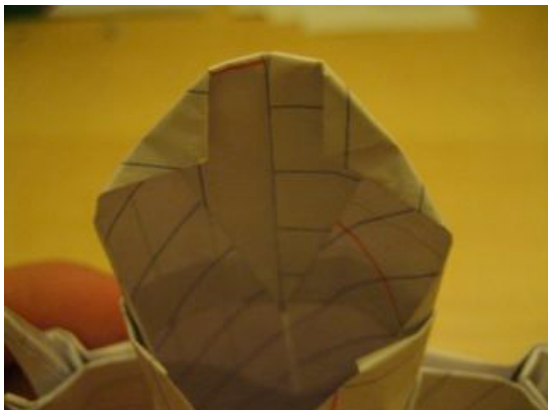
Step 38



*OPTIONAL

If you want to add a little more detail to the neck, you can fold the sides like so.

Step 39



*OPTIONAL

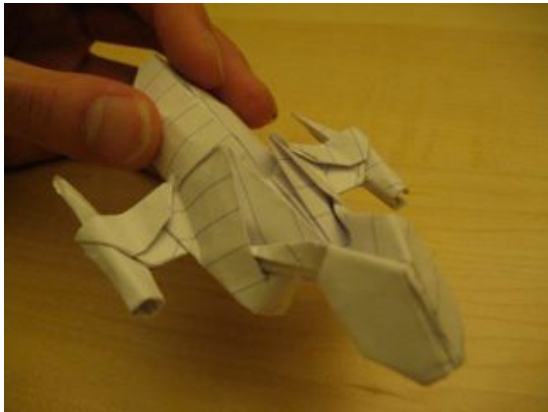
Round the main engine by folding in the two tips.

Step 40



Congratulations! You have just created your very own origami Firefly-Class Vessel!

Step 41



Impress fellow Firefly fans with your amazing display of high-fidelity paper-based artistic reproduction!



If you think your model turned out badly, just look at the epic fail that is circled in this picture!
Remember, PRACTICE helps a lot!