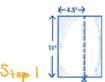
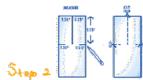
Benny the Boeing's FRANTIC FLYERS!



This "plane" is more of a copter. It requires construction paper and some measuring and cutting, so ask an adult to help you.





Cut a piece of construction Cut a slit down the center paper or other heavier as shown, then cut a slit in paper in the shape shown each side as shown. in the picture



Fold the two lower sides in like this.



Fold the bottom up like paper clips.

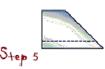




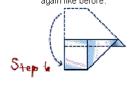
Then fold the top down like this.



Next, open it and fold the top corners in and down like this



Nowfold it in half the lengthwise



Fold the wings down like this.



Step 7

Then fold the tips of the wings up like this. Next, place a paperclip under the plane, about an inch from the front. Now you're ready to soar!

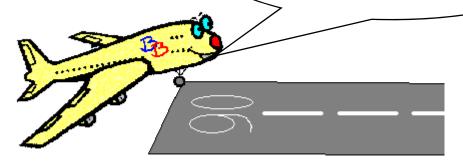


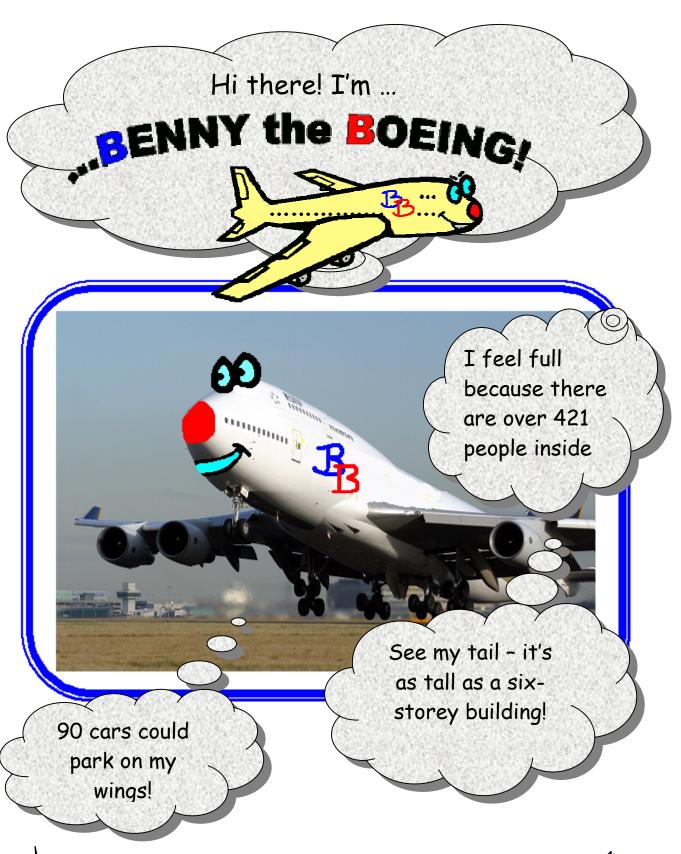
Fold one copter blade this and secure it with 2 down towards you and one down away from you. Now hold it over your head, let it go and watch it whirl all the way down!

Place a small piece of tape

along the body like this.

I'm just about to land —I hope you enjoyed learning how to fly. Why not try and get your Frantic Flyers to land on the Runway or target?





Vant to know how to fly?

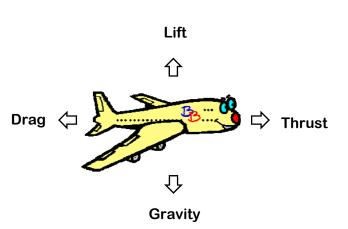
Por Benny's science jive!

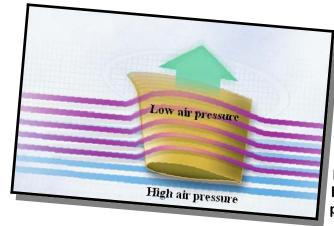
Use the force, of coursel

Four forces push and pull me as I move.

My wings produce LIFT whilst GRAVITY tries to pull me down.

My engines produce THRUST that propels me forward and fights the DRAG caused by the air I fly through.



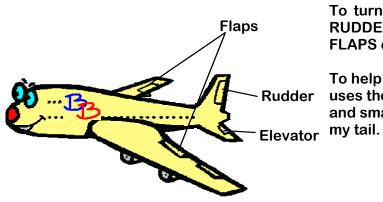


My wings are a special shape called an AER0FOIL. As I move, the air passes above and below my wings. Because of the aerofoil shape, the air above my wings gets faster and the pressure drops, whilst the air below my wings stays at the same speed and pressure.

Higher air pressure always moves towards lower air pressure so the air below my wings pushes upwards and GUESS WHAT HAPPENS...



Right or left, which is best?



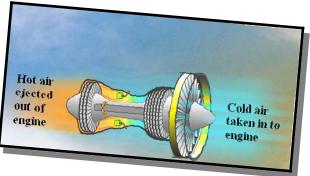
To turn left or right, the pilot uses the RUDDER at the back of my tail and the FLAPS on my wings.

To help me climb or fly lower, the pilot uses the FLAPS on both of my wings and small flaps called ELEVATORS on

Giant hair dryers!

My jet engines suck in air at the front, mix the air with burning fuel and then blast the mixture out of the back.

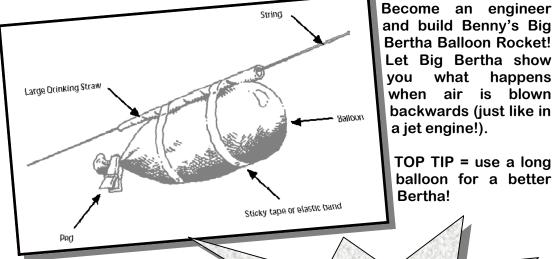
As the mixture streams backward, my engines (and me!) are forced forwards.





It's just like a hairdryer - air gets sucked in, heated up and blown out - only much much noisier and a lot bigger!

Benny's Big Bertha Balloon Rock



a jet engine!). TOP TIP = use a long balloon for a better Bertha!

Unclip the peg and watch Benny's Big Bertha Balloon beautifully blast to infinity and beyond...!

Now turn the page and follow the rules, to make FRANTIC FLYERS that are really cool!