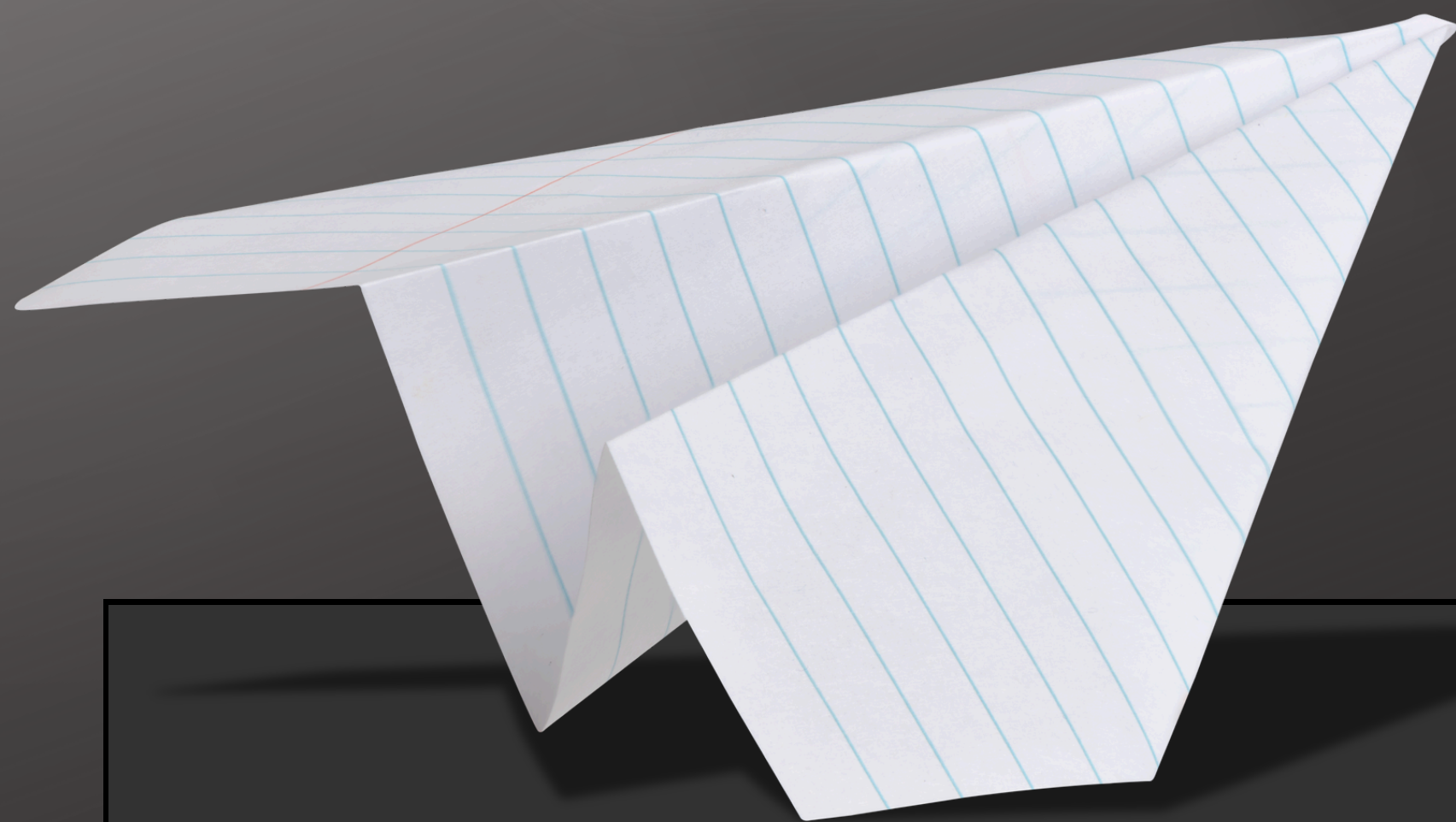


How to make **PAPER AIRPLANES**



Dragon Model Edition
(Cardboard)



By David
Ambat

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INTRODUCTION

Making things is a fun and easy activity that everyone can enjoy! In this simple guide, I will be teaching you how to make paper airplanes. You can learn how to make designs from basic to cooler ones, but for now, we will make only one. So if you are willing to try this out, grab a piece of paper and let us start our crafting adventure!



INTRODUCTION

Making things is a fun and easy activity that everyone can enjoy! In this simple guide, I will be teaching you how to make paper airplanes. You can learn how to make designs from basic to cooler ones, but for now, we will make only one. So if you are willing to try this out, grab a piece of paper and let us start our crafting adventure!

MY COMMENT ON PAPER AIRPLANES



Paper airplanes have been one of the best and nostalgic things to kids and adults. They have delighted us for years now and are being shared to next generations. With their own designs and performances, they shall make every kid's childhood better while they can still enjoy it.



Puppet
Classic
Jet
Dragon
Boat
Stunt
Commercial
Tandem-rotor
Helicopter
Beginners
Jumbo
Cute

Today we will be making...





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Today we will be making...

(Special)

THE DRAGON

(My OWN DESIGN VERSION)



MATERIALS

To do this, you will need:

- Very thin cardboard, like from a box of coffee or milk
- Scotch tape
- Glue
- Scissors
- Hole punch tool
- Cutter
- Toothpick



Only one.



Makes holes.



For cardboard.



Sharp!

Thin surface.



Don't get some on your fingers...

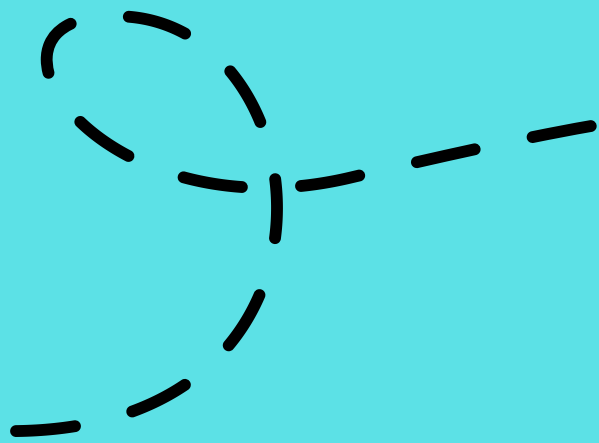
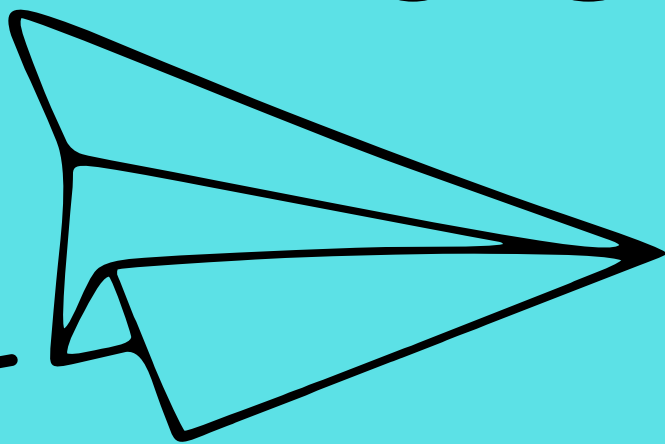
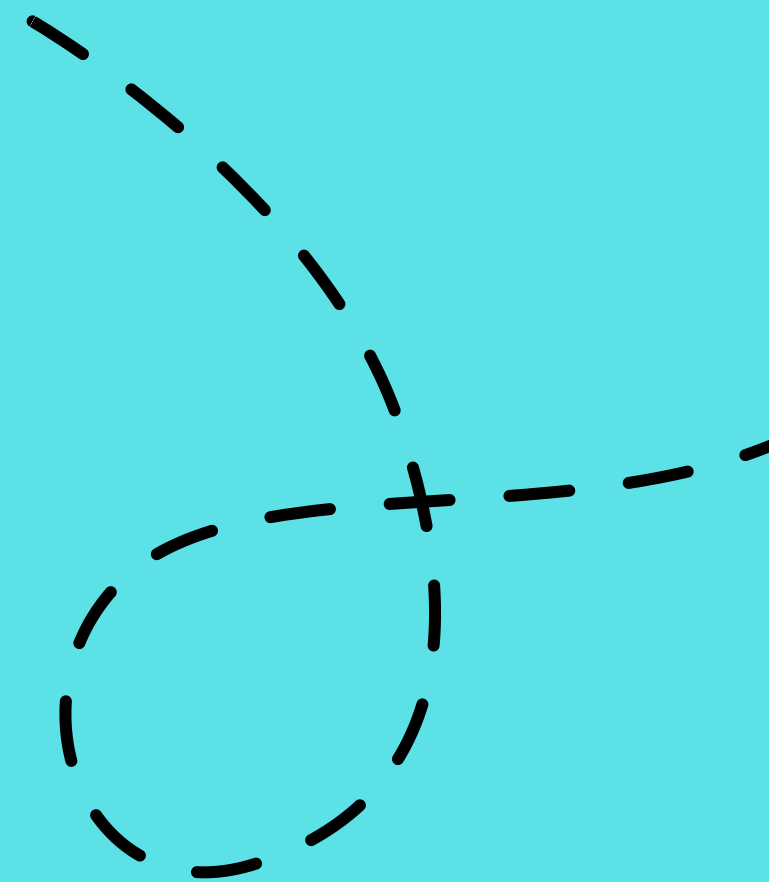
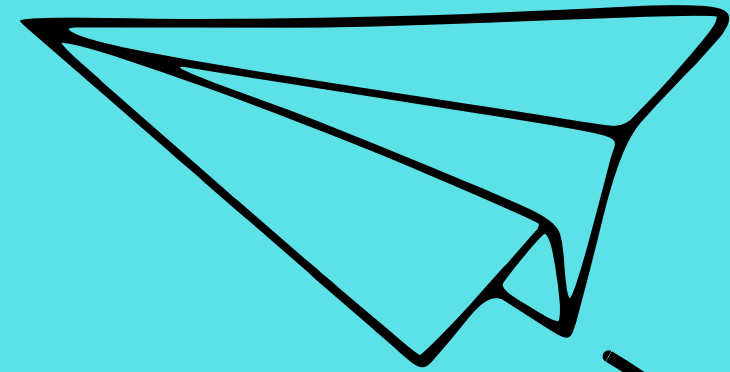


Make sure that it's like this.



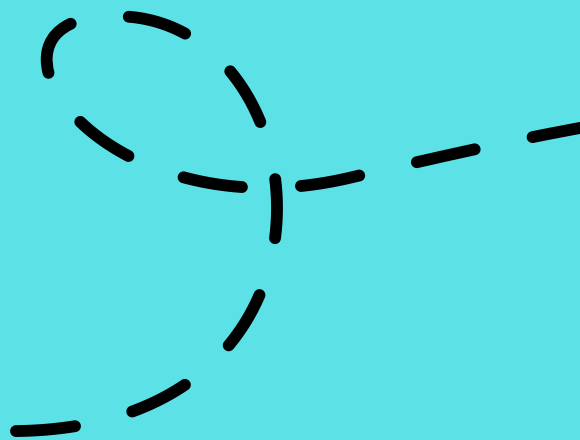
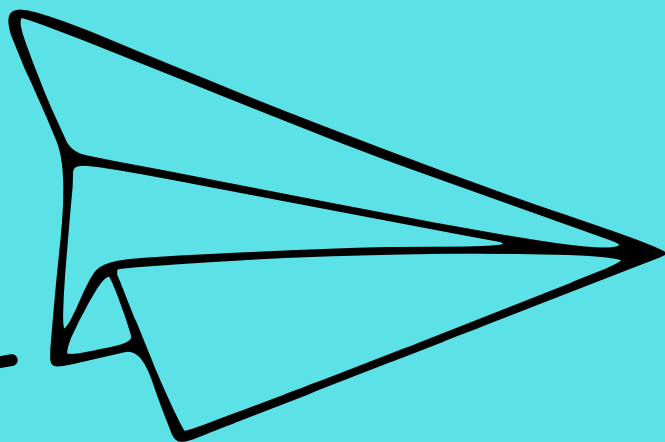
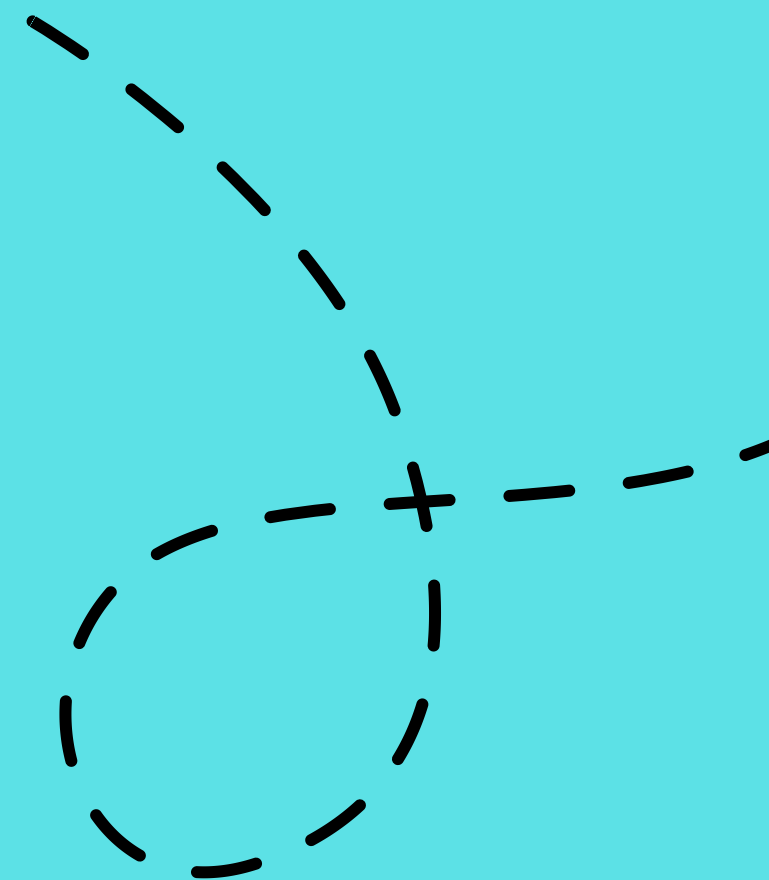
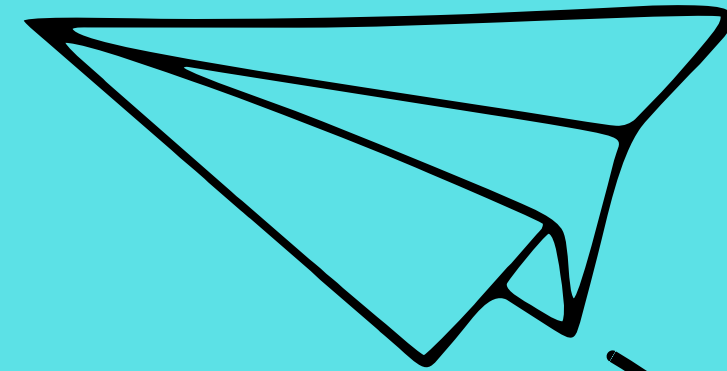
STEPS

Are you excited to
do this activity?



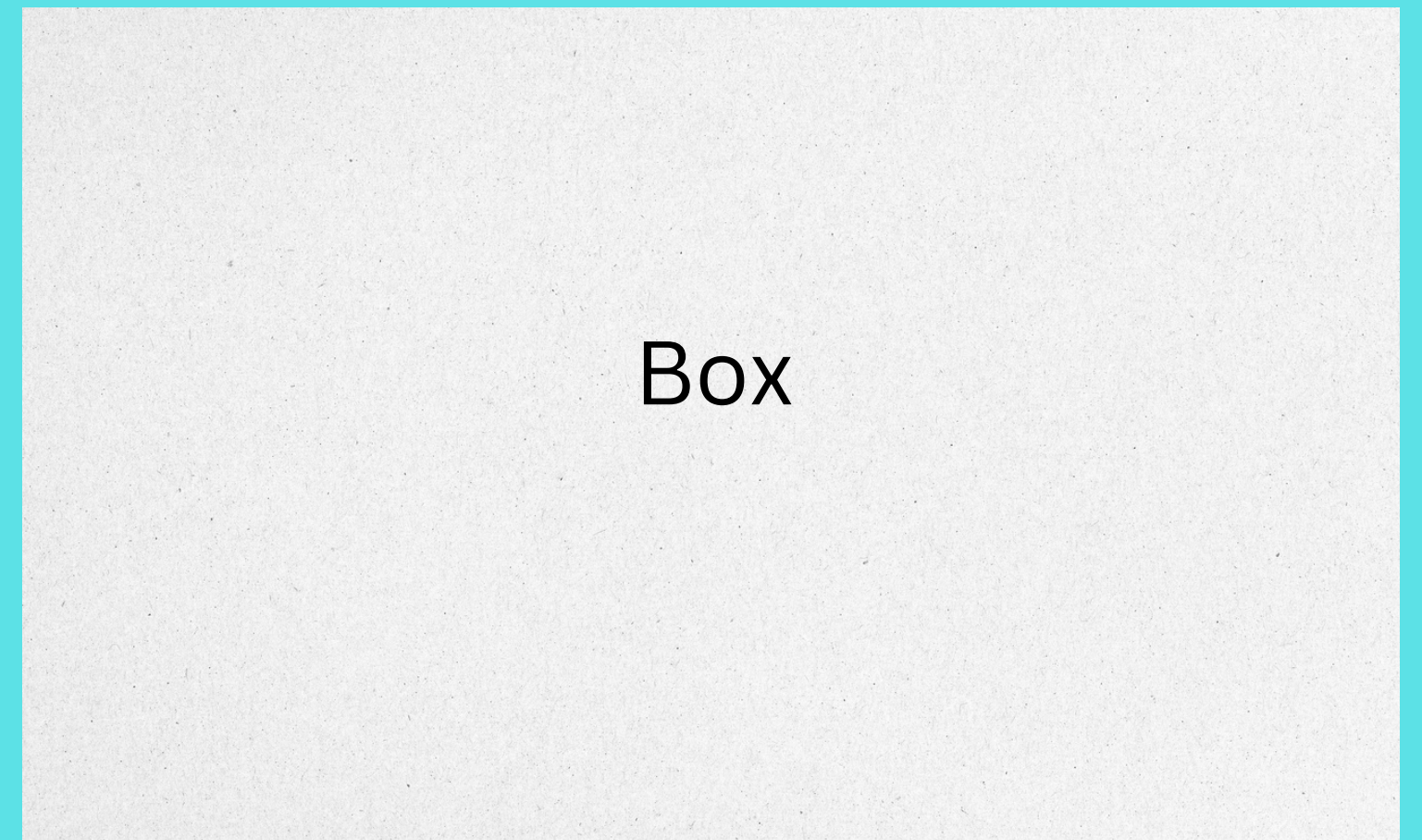
STEPS

Me too! Let us
begin!



STEP ONE

Get a long box, like from a phone. You can get a bigger one.



STEP TWO

The box will be the body, make sure that the box is still in good condition and has no damages.



STEP THREE

Get two pieces of thin cardboard. This time, they must be a bit longer and bigger.

2 pieces

Longer wings, better flight quality.

Please be careful.

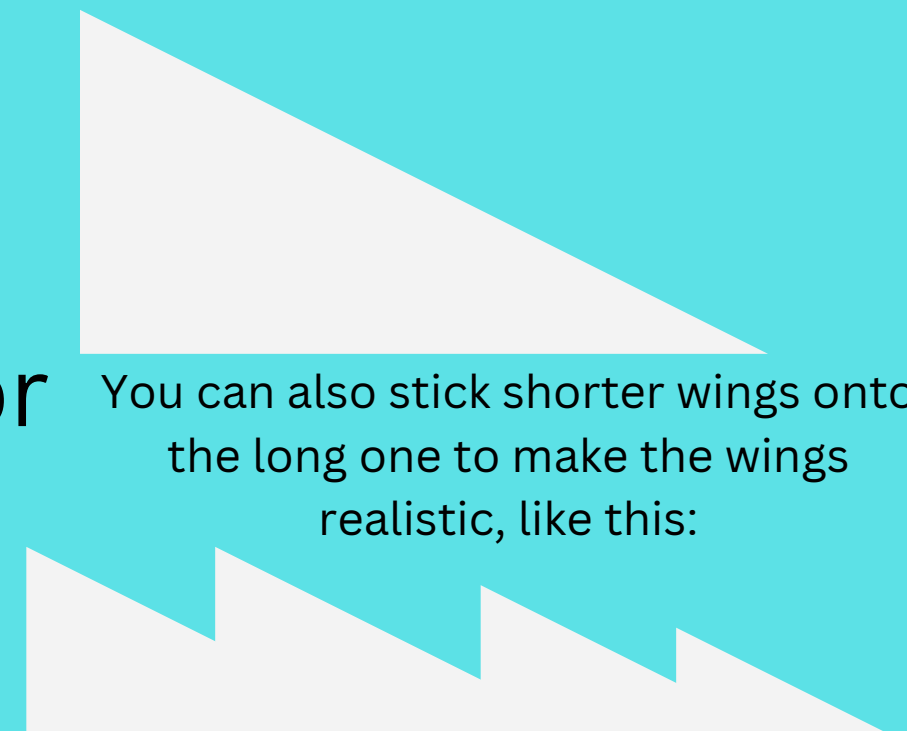


STEP FOUR

Cut them into wings (an upside down right triangle). You can cut or print your own wing design if you want.



or You can also stick shorter wings onto the long one to make the wings realistic, like this:



STEP FIVE

Stick the wings onto the body using glue or scotch tape.

Body



Wing



or



(You can also stick the wings onto the top of the body, just make sure that they are long enough)

STEP SIX

For the tail, get a thin long cardboard (the bottom is thin and pointy and the part that you will connect to the back of the body should be thick, like an upside down vertically long triangle).



Cut it into something like this:



You can make it in any length, it's ok.

STEP SEVEN

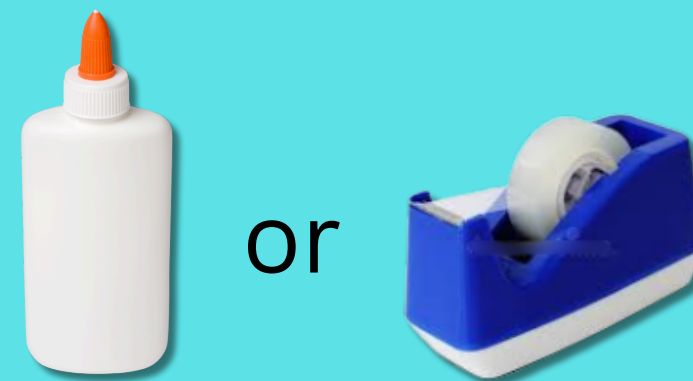
Connect the tail to the body using tape/glue. You can get some small triangles (for some spikes) and stick them on the sides of the tail using tape.

Wing

Body



Tail



You can add these:



Stick the spikes like this:

Tail



Spike

STEP EIGHT

Next, are the arms and legs. Cut 4 short thin cardboard pieces. Connect the arms to the bottom of the body or under the wings. Put 3 small triangles for claws, tape them to the arms.

For arms

2 pcs

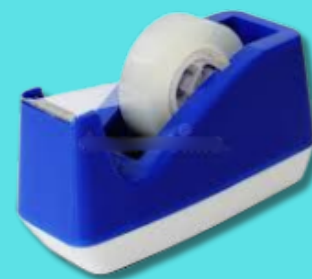


2 pcs



For legs

Use



Bottom
view

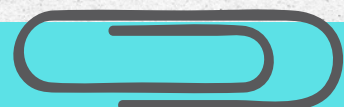


STEP EIGHT

For the legs, you will want to stick them to the very back of the body (3 centimeters away from the tail). Put claws too.

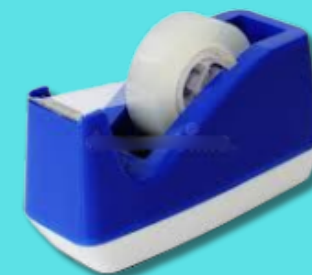
Tail

Left side view



3 cm

Use



STEP NINE

Now it's time to make the head. Get 2 pieces of small cardboard (as long as an eraser). The 2 cardboard pieces should be long enough to look like stapler bullets.

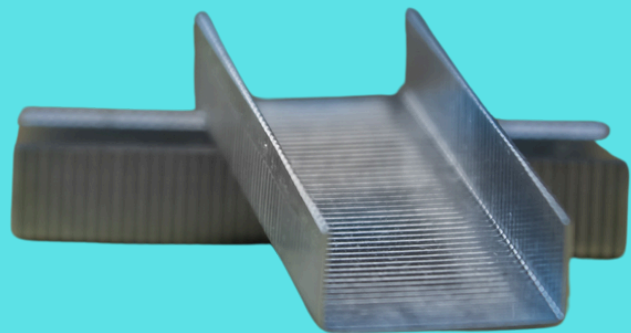
Jaw should be also like this

Front view

2 pcs

Side view

Stapler bullets:



Head can be in any length (jaw and head should have same length).

STEP NINE

Use the hole punch tool to make a hole in the both sides (the ones that are a little to the back) of the pieces.

Front

Upper
head



Jaw



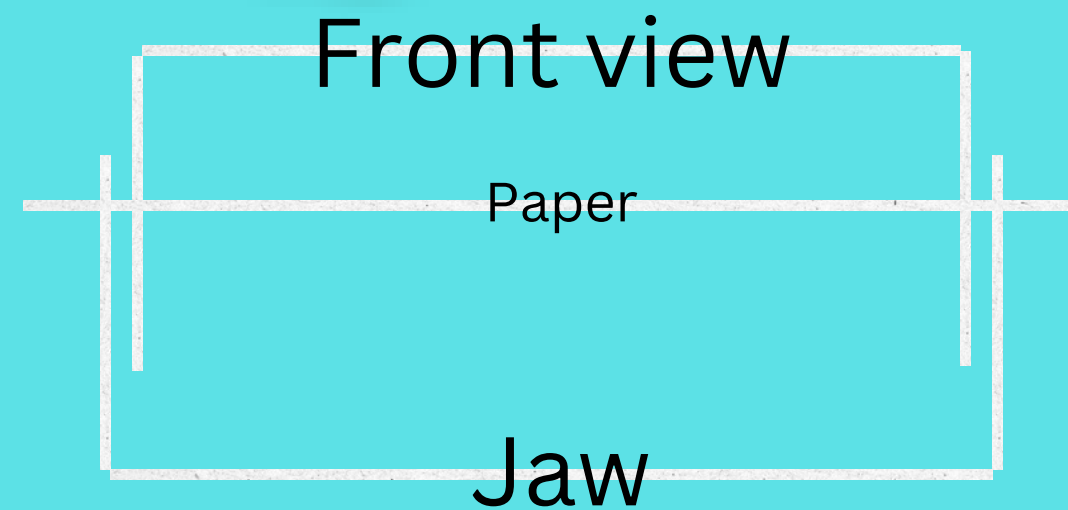
Back

STEP NINE

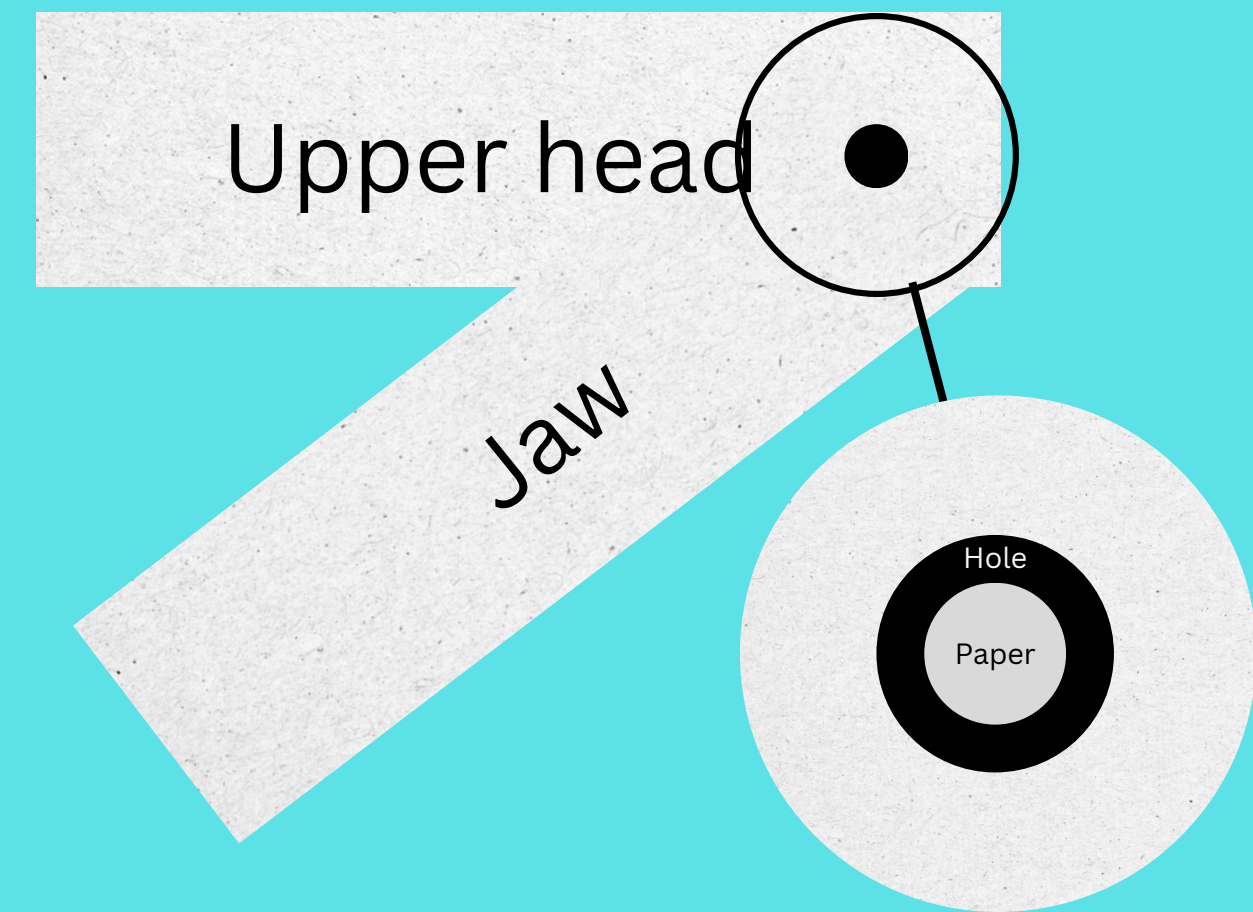
Get a really small (it should be long enough to reach the other hole) piece of paper and roll it into a very thin roll, then put it in the hole (cut if it is too long). We will put that for a movable jaw.



The paper
when it is
still not
rolled.



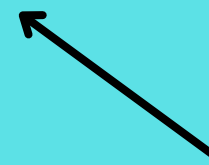
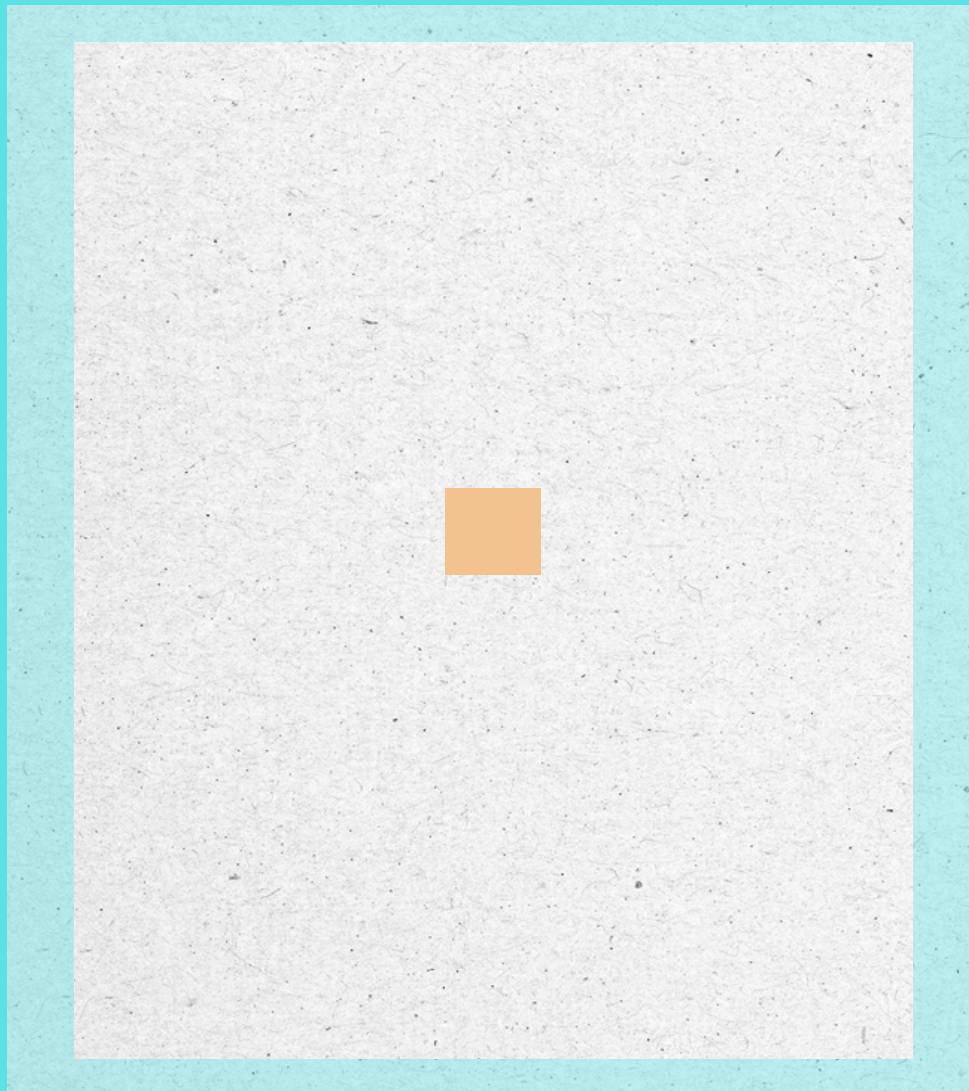
Right side view



STEP TEN

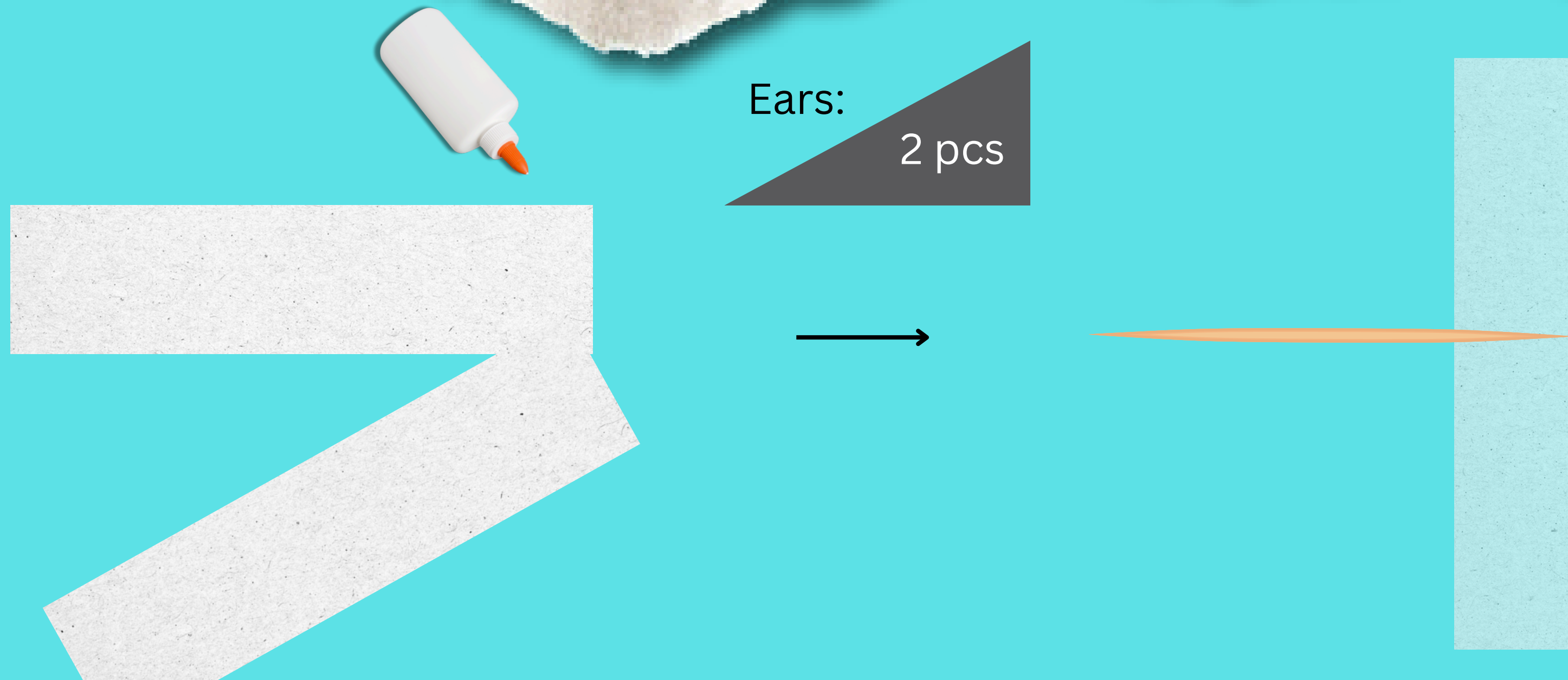
Get a toothpick and poke it into the front of the body (if it cannot poke through, use a cutter).

Front view:



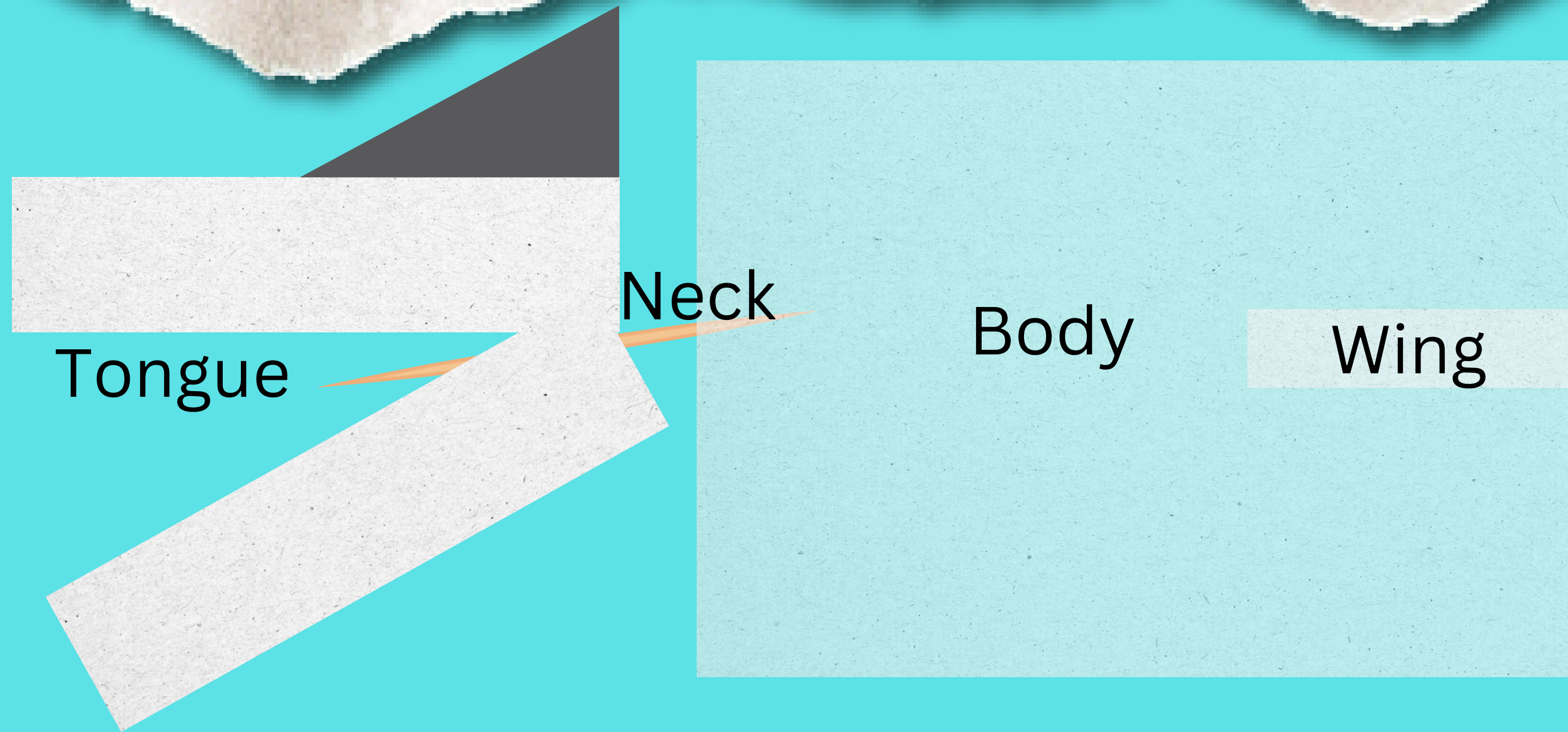
STEP ELEVEN

Push the back of the head onto the toothpick until the toothpick gets through. (The toothpick can be the tongue). Get two small left side triangles. Glue them to the upper part of both sides (the ones that are a little to the back), these will make the ears.



STEP ELEVEN

The toothpick can be both the neck and the tongue.



STEP TWELVE

Finally is the exciting part,

STEP TWELVE

Finally is the exciting part, add some designs to it! You can draw or cut out the eyes and also put small pointy teeth inside the mouth. You can also color it to make it look lively.

Name it anything you want!

Some names for dragons:

- Drakthorix
- **Solathar**
- Velanax
- Arcanis
- Zarythion

Add sharp teeth!

Give it an upgrade!

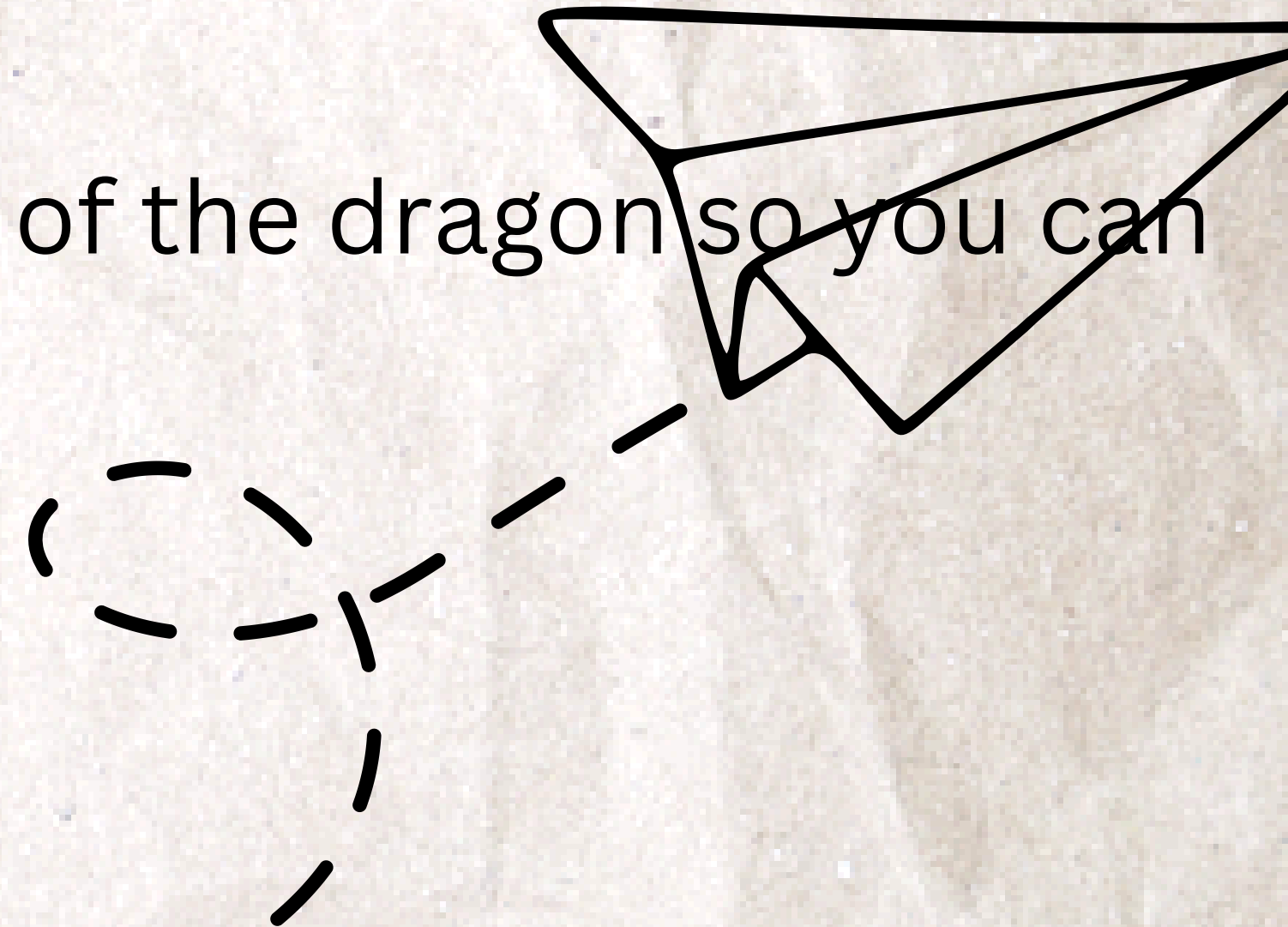
Color it!



Features & About Appearance

Features:

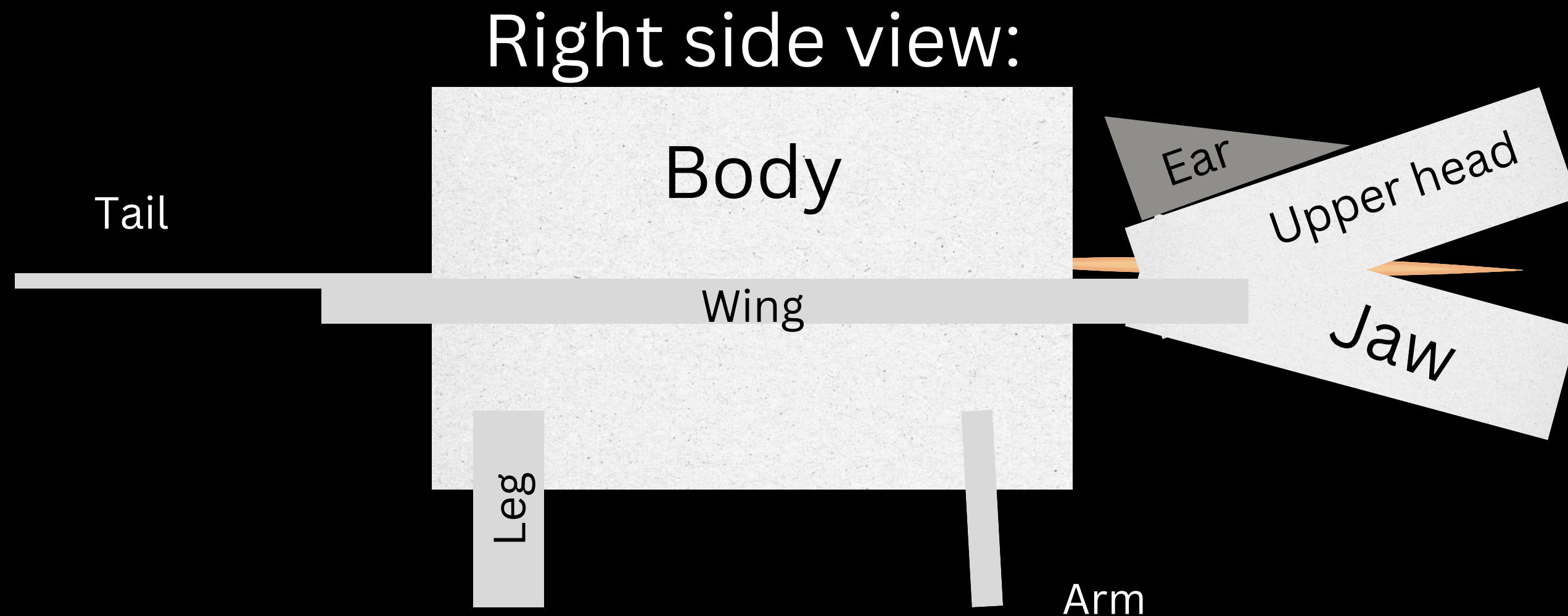
- It flies smoothly and lands slowly
- Movable jaw
- You can add some extras inside the empty space in the body (box), like dragon organs or a mythical dragon stone.
- You can put fake food in its mouth
- You can make some seats on the back of the dragon so you can put figures
- It can be used for stop motion videos



Features & About Appearance

About Appearance:

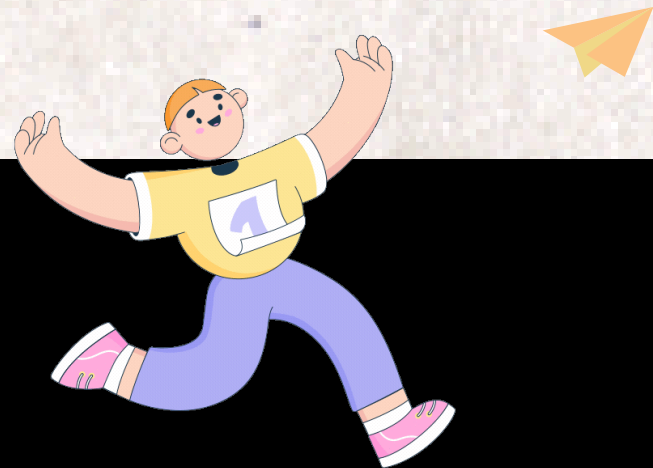
- Realistic
- Easily identifiable as a dragon (you can already tell that it is a dragon)



Tips and Recommendations

Tips:

- Putting the dragon in front of a fan while moving it up and down will make it look like it's flying
- Raise the dragon in the air while in the sunroof will more make it look like it's flying (just make sure that no parts fly away)
- Run while raising the dragon in the air. Running is an exercise to humans, and flying for dragons. (You and your dragon can be exercised)



Tips and Recommendations

Recommendations:

- You can use a pringles container or a whole box to make the body of the dragon so you don't have to use cardboard
- Use stands to make the dragon do a pose
- Maybe next time, you can make a bigger dragon, a **VERY BIG** one (but you will have to use real cardboard)!
- You can also use colored paper (but it will break more easily)



SPECIAL

After talking about the features and appearance of our Dragon Model and sharing some tips and recommendations with you, it is time for you to see the **SPECIAL PART!**



SPECIAL

Welcome to the SPECIAL PART! Here you get a fun fact and a trivia. You can also get a motto and some extra things that you need to know, just in case you encounter them in quizzes, tests or exams. Well, what are you waiting for? Go to the next page to gather some knowledge!

SPECIAL



Fun fact:

Did you know that the Boeing 747, one of the most famous passenger planes, is also known as the "Queen of the Skies"? It's so massive that its wingspan is longer than the Wright brothers' first flight in 1903!

Trivia:

The shortest flight in the world is between two Scottish islands, Westray and Papa Westray, it was just about 90 seconds!



Wingspan - the distance of the wingtips in both sides.

Wingtip - the tip of an aircraft's wing.

SPECIAL

Mottos:

- "The engine is the heart of a plane, but the pilot is the soul."
- "Where the ground ends, adventure begins."
- "Altitude is our attitude."

Extra knowledge (you might encounter these at school):

Aeronautics - study of airplanes.

Antonov An-225 Mriya - biggest plane in the world.

Starr Bumble Bee II - smallest airplane in the world.

December 17, 1903 - when airplanes were invented.



SPECIAL

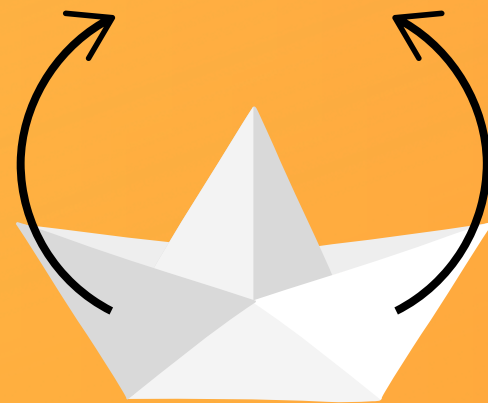
Other way to make dragon (easier):



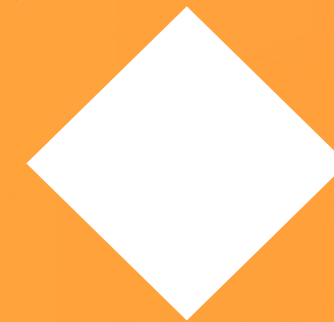
Get a paper boat.



Make the two pointy tips touch like this:



It should look like a diamond.



It will be like a puppet.

Now you can just give it some eyes and other designs!



Very easy, right?

SPECIAL

There is also another way to make a dragon.
This time, it is a dragon puppet.

Simple



I'm still making one.

Realistic



TUTORIAL COMING SOON!





THAT'S ALL FOR TODAY!

And that is all the things I have for today! I hope that you were able to make a cardboard dragon. Did you learn new things from the trivia in the Special part? Of course you did! I hope that you enjoyed this presentation, goodbye and have a great day/night!





THANK YOU!

By: David Ambat