EUROPEAN GOLDFINCH

3D PAPERCRAFT MODEL

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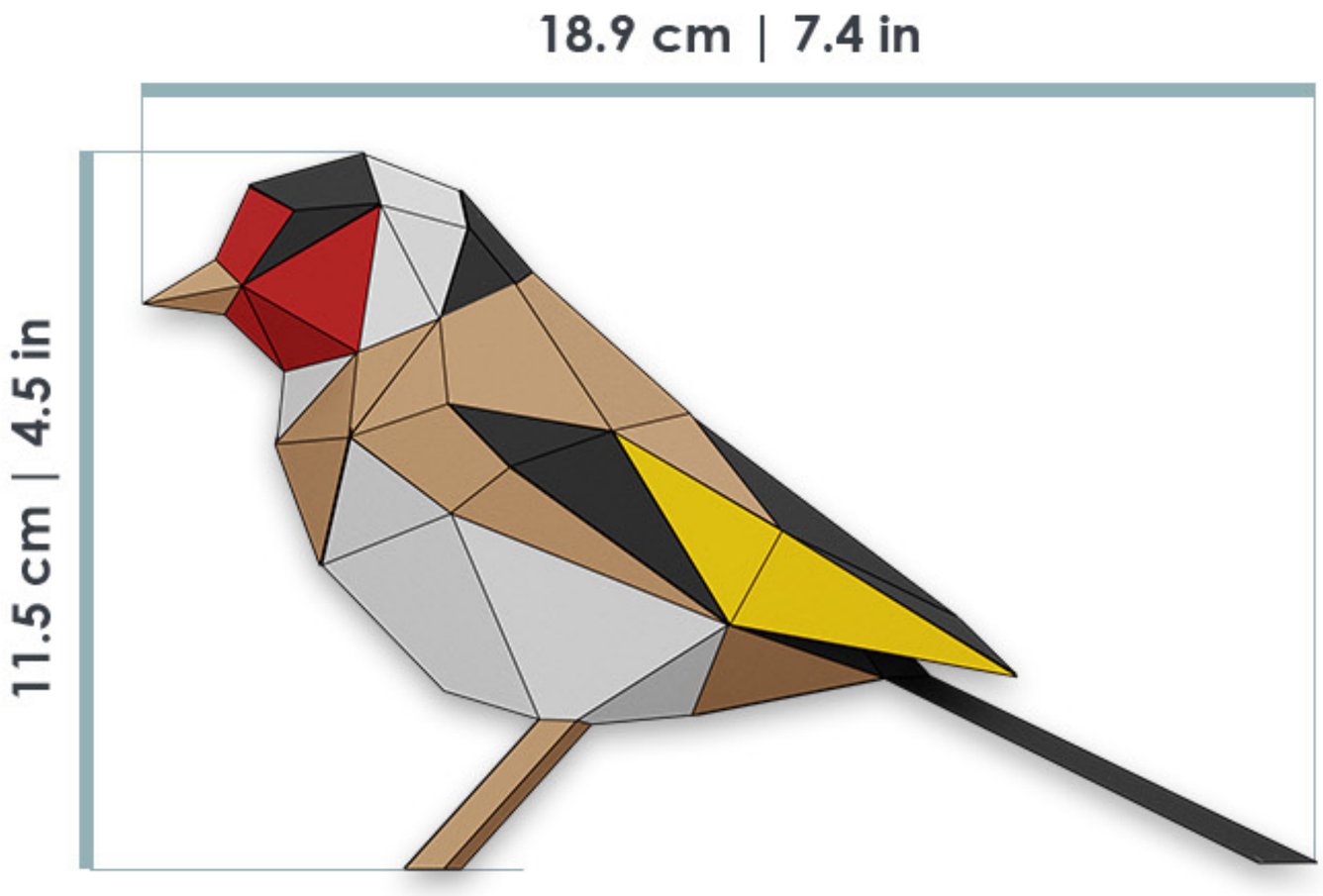
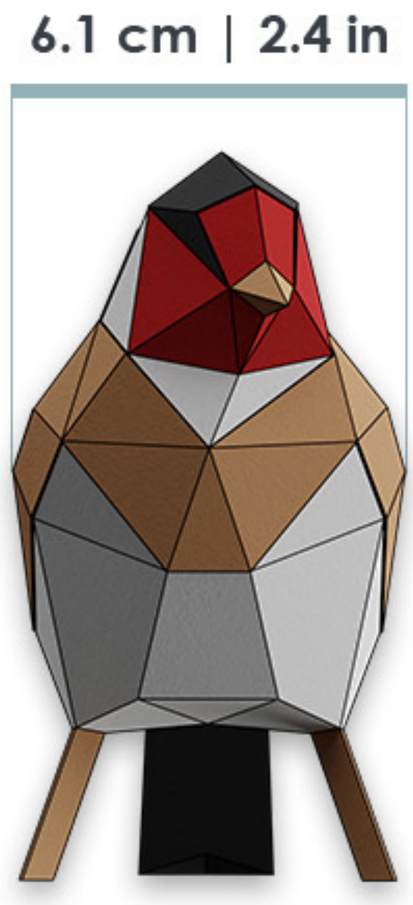
Hooray! You are about to start a wonderful and fun journey of assembling your own **lowPolysm GOLDFINCH** 3D papercraft model. Follow the simple instructions below and find out how easy and satisfying it is to create something with your own hands using only a few pieces of paper.

GOLDFINCH PARAMETERS





Model name:	**EUROPEAN GOLDFINCH** **Carduelis Carduelis**
A4 | Letter size:	**5 sheets**
Colors:	**Red 1 sheet** **White 1 sheet** **Black 1 sheet** **Brown 1 sheet** **Yellow 1 sheet**
Template parts:	**27**
Flaps to glue:	**85**
Level of difficulty:	**Easy**

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WHAT YOU WILL NEED

WHAT NEEDS TO BE DONE

Follow the steps below to successfully assemble your own personalized **lowPolysm GOLDFINCH** 3D papercraft model.

01. PRINT
02. SCORE
03. CUT
04. FOLD
05. GLUE
06. FINISH
ENJOY

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01. PRINT

☐ Select paper and colors for your paper model. It is recommended to use the paper with following parameters:

Paper size: **A4 - 21x29.7cm | Letter - 8.5x11”**
Paper thickness: **220 - 300 g/m² | 80 - 110 lb cover**
Paper colors:

or select paper colors of your choise.

☐ Print PDF template files on selected color papers with printing scale set to “Actual Size,” “No scale,” “100% size,” or “1:1 ratio” based on your printer settings. Common home/office printers can handle the above paper parameters but please check just to be sure.

PDF template files:

EU-GOLDFINCH-Template-RED-1sheet.pdf
EU-GOLDFINCH-Template-WHITE-1sheet.pdf
EU-GOLDFINCH-Template-BLACK-1sheet.pdf
EU-GOLDFINCH-Template-BROWN-1sheet.pdf
EU-GOLDFINCH-Template-YELLOW-1sheet.pdf

Printing tips & tricks:

Make sure that the 3D papercraft model with multiple PDF template files is printed with the same printing scale and settings set for all pages/colors.

If your available printer can handle larger paper sizes you can set the printing scale to more than 100% and print PDF template file(s) scaled up to whatever paper size your printer can print. The final paper model will have equivalently larger dimensions.

It can be difficult to see printed template lines and numbers on black or dark-colored paper. In this case, print the PDF template files on a regular white thin office paper and then glue it to the desired dark-colored paper. This technique can also be used for transferring templates on paper types that can’t be used in common printers (e.g. crafting paper, textured paper, metallic paper, and heavier cardstock).

You can print PDF template files on any heavier colored or textured paper and create a 3D papercraft model based on your personal style, taste and creativity.

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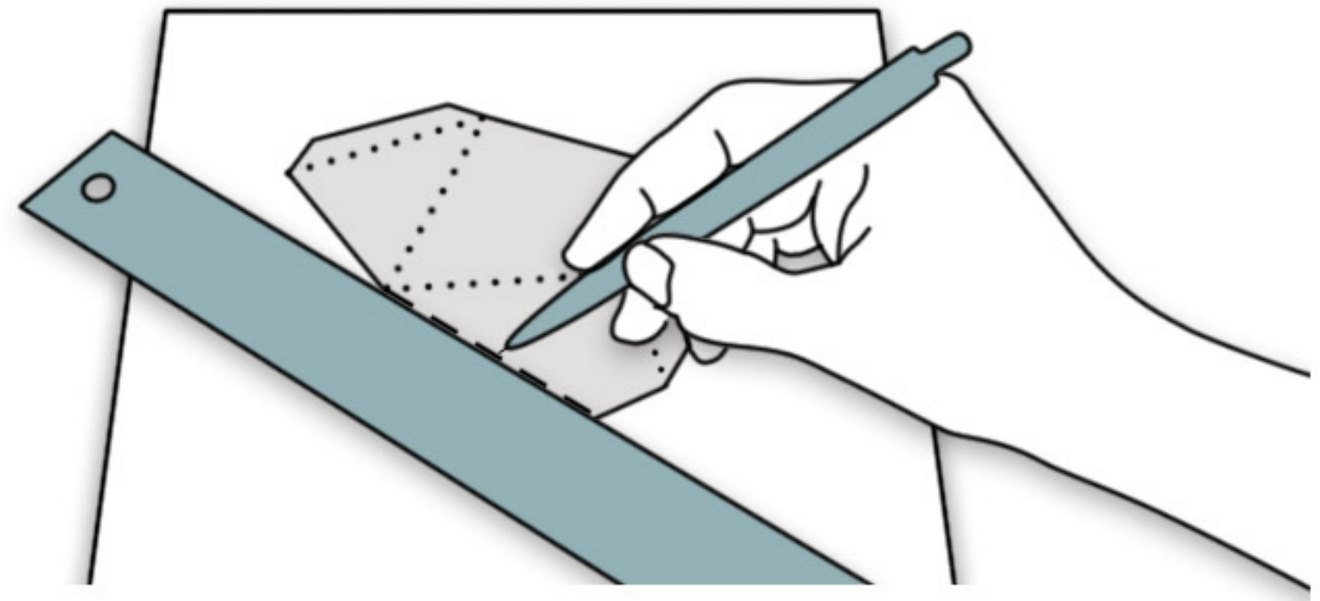
02. SCORE

Score all dashed – – – – – and dotted ····· lines on printed template parts, with a ruler and dried out ballpoint pen or similarly dull item.



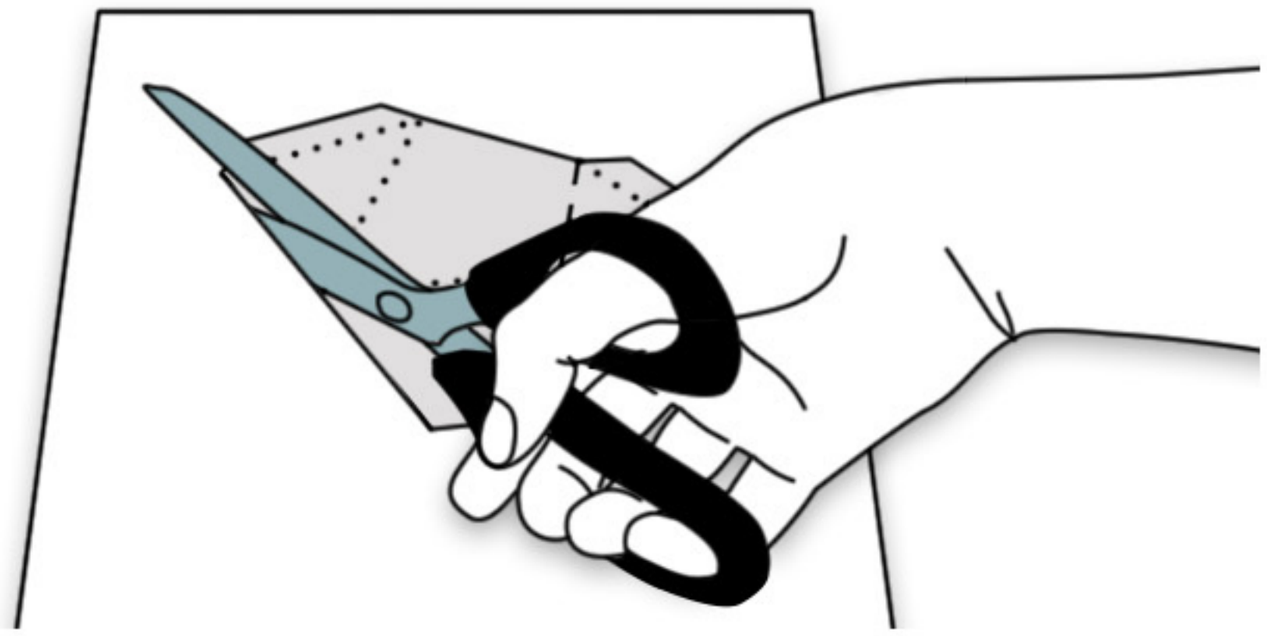
Scoring tips & tricks:

You can use also other tools to score paper e.g. sharp ruler corner, pin, nail, awl, or quilling pen. Be careful and gentle with scoring so you don't score through the paper. Try and test it on some scrap paper first.

You can score template parts using cutting machines like Cricut or Silhouette. Use attached SVG / DXF template files and related cutting software.

03. CUT

Cut template parts along all solid ——— lines.



Cutting tips & tricks:

More precise cuts can be achieved with a ruler and crafting knife. Place the ruler along the solid line and cut with the crafting knife along the ruler edge. A metal ruler is most appropriate for this technique rather than a plastic or wooden ruler.

You can cut template parts using cutting machines like Cricut or Silhouette. Use attached SVG / DXF template files and related cutting software.

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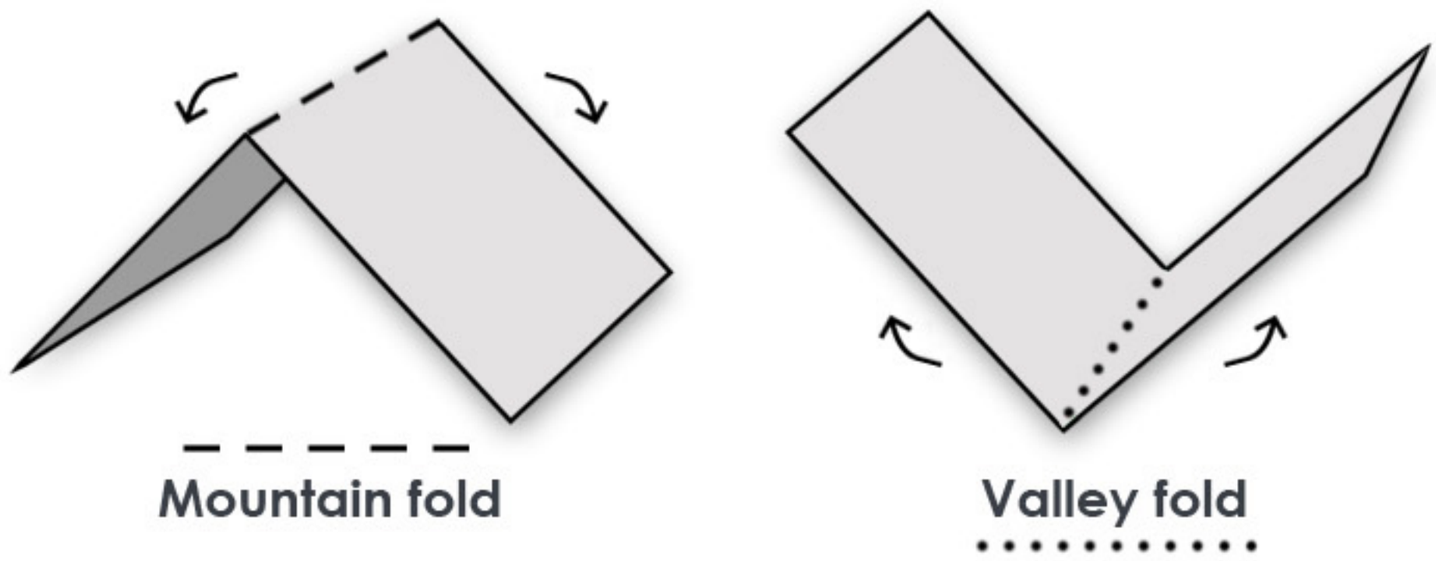
04. FOLD

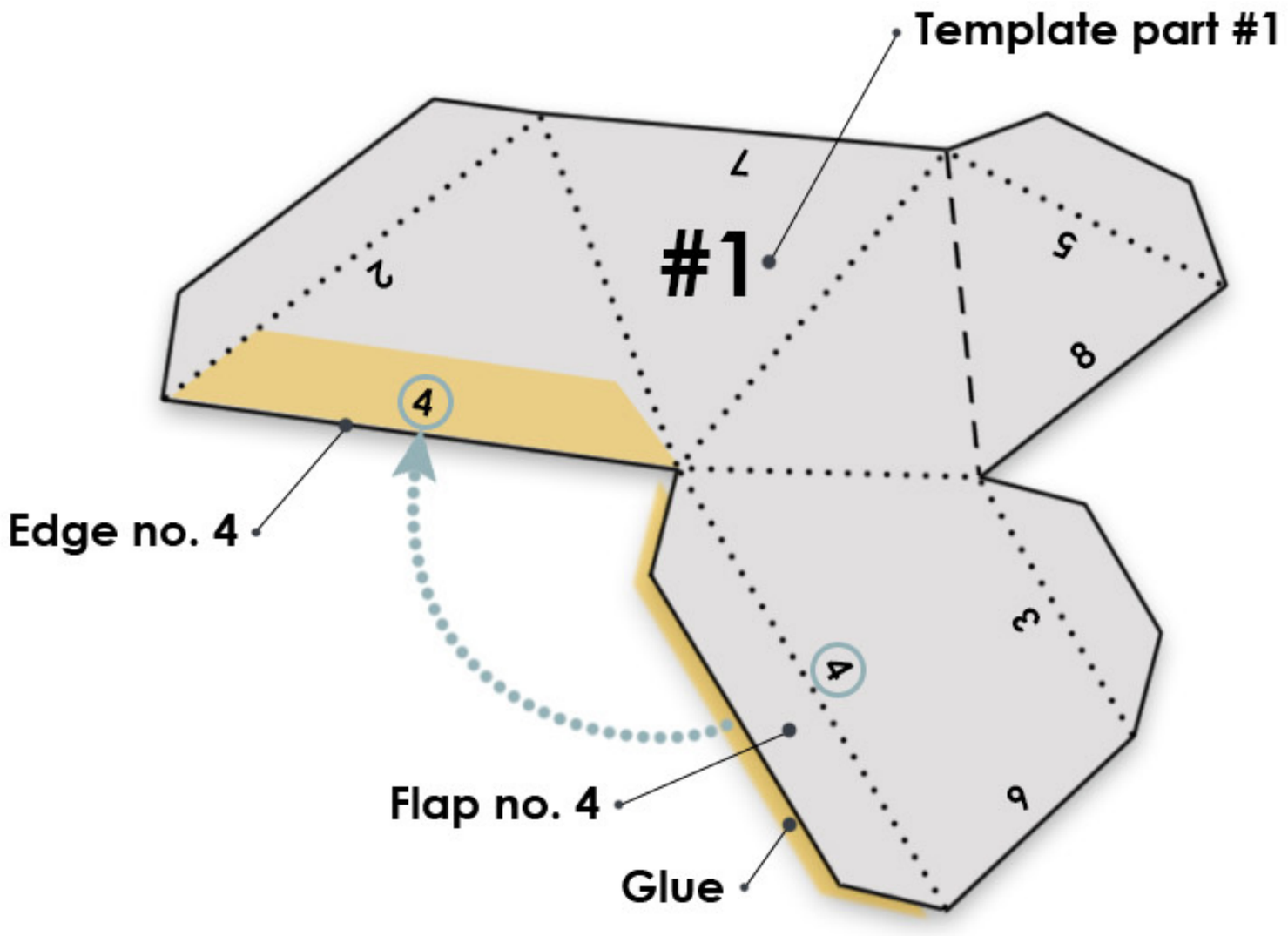
Fold all the lines you scored. Dashed – – – – – lines create mountain folds, dotted ••••••••••• lines create valley folds. Created folds are edges of your **lowPolysm** 3D papercraft model.



05. GLUE

Glue flaps to the edges with the same numbers. Firstly glue the flaps within individual template parts.

Example:



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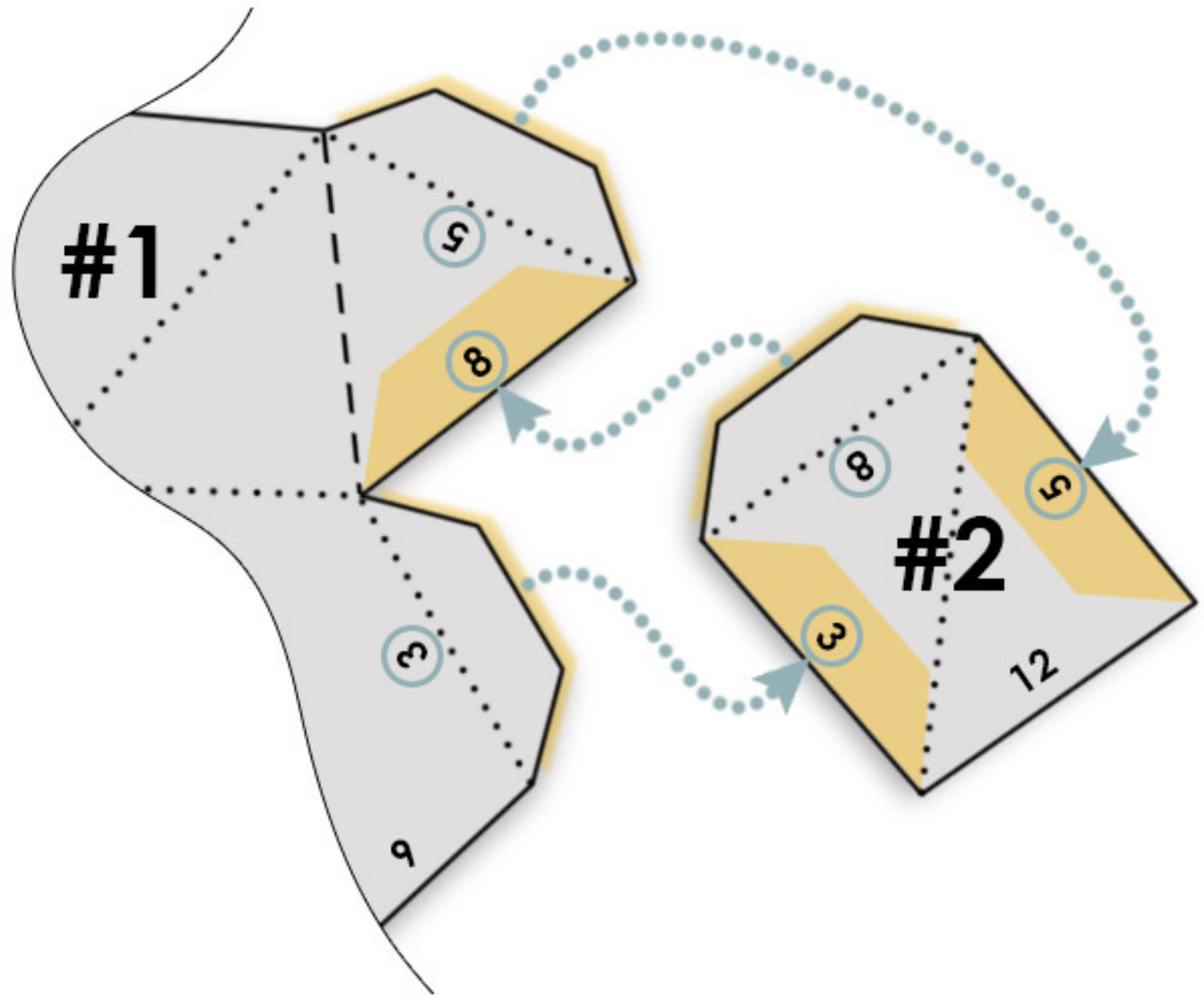
Glue all connecting flaps between template part **#1** and **#2**, then continue to **#3** and so on. Individual steps and visual assembly guide is shown on the next pages.



Gluing tips & tricks:

All printed sides of the template parts are inside of the paper model. All flaps, lines, and numbers stay inside and should not be visible from the outside of the finished model.

Flap and edge numbers only indicate matching pairs that need to be glued together and do not represent the order of gluing.

Dry-fit the connecting parts first, then spread the glue evenly on the correct side of a flap.

Always glue one flap at a time and wait until it dries out.

Be accurate when gluing flaps to the edges. Both corners of a flap must precisely match both ends of the corresponding edge.

Less is more and this also applies to amount of glue you should use. Put few drops of glue on the flap spread it evenly, removing any excess glue with a toothpick or scrap paper. If using water-based glue, you can pour a small amount in a glass bowl and use a small paintbrush to apply the glue.

Use finger to apply glue on harder accessible flaps. This will simplify gluing inside of already assembled template parts which are harder to reach.

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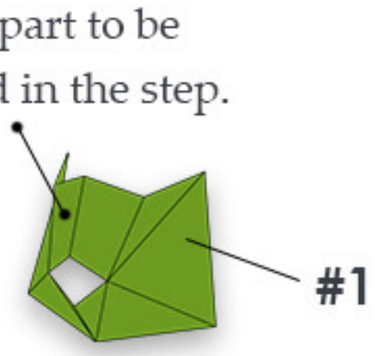
VISUAL ASSEMBLY GUIDE

01.

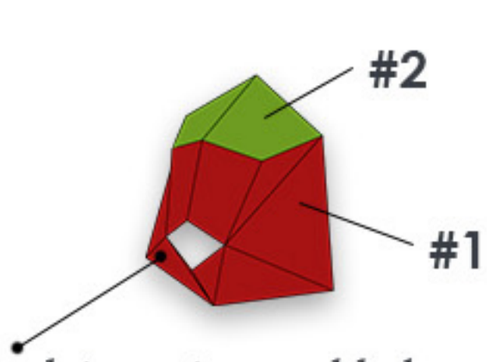
Assembly step number.

Template part to be assembled in the step.



Assemble head template part **#1**.

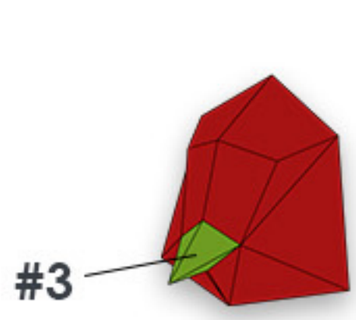
02.



Template part assembled in the previous step.

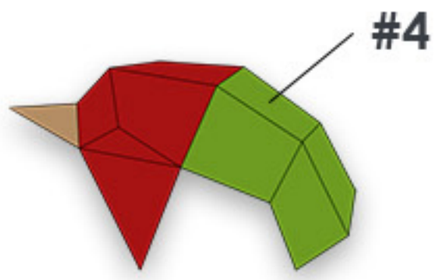
Attach template part **#2** to assembled template part **#1**.

03.



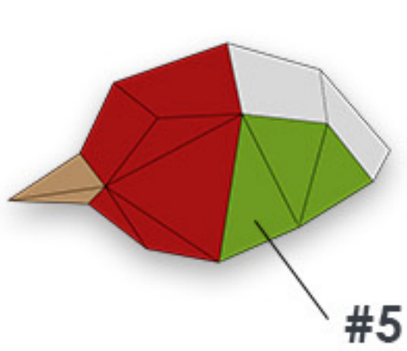
Assemble beak - part **#3** separately, then attach it to the head.

04.



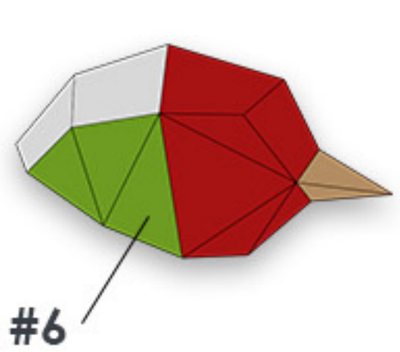
Attach template part **#4** to the head.

05.



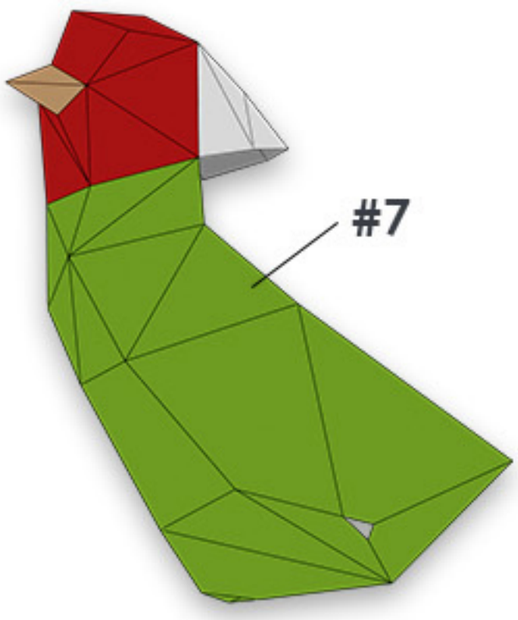
Attach template part **#5** to the head.

06.



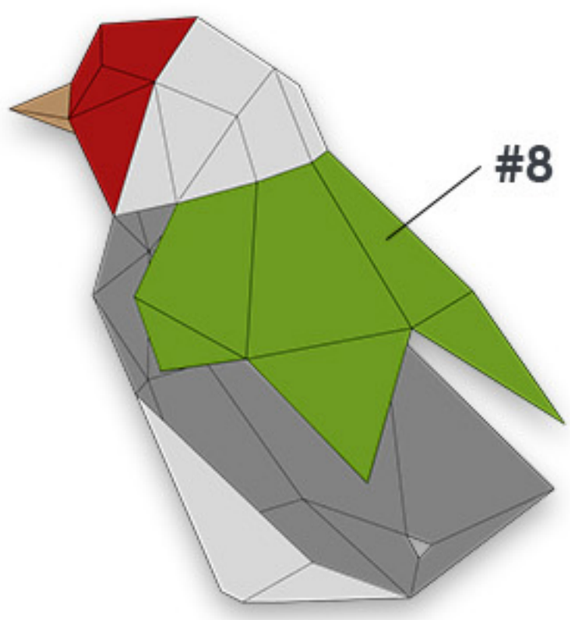
Attach template part **#6** to the head.

07.



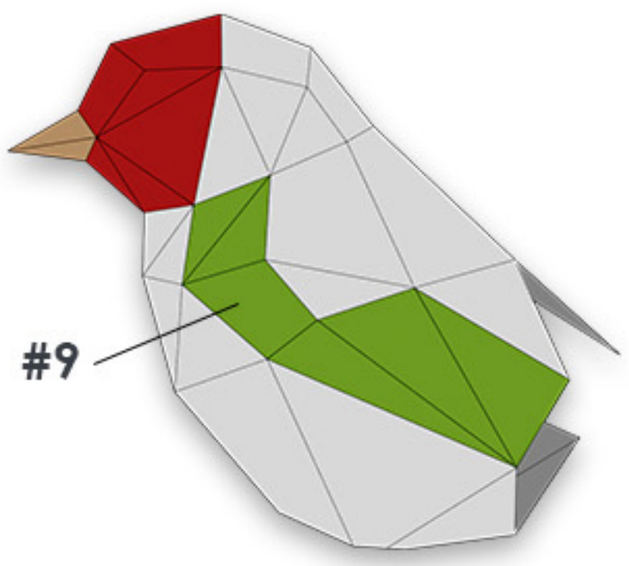
Attach belly - template part **#7** to the head.

08.



Attach back - template part **#8** to the head.

09.



Attach template part **#9** to the head, back and belly parts.

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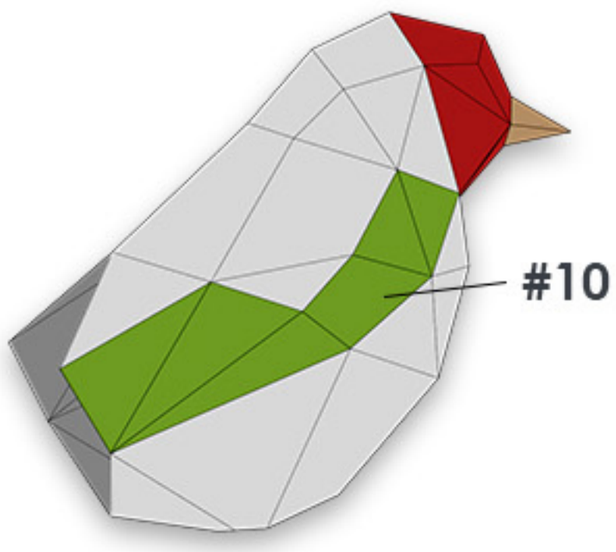
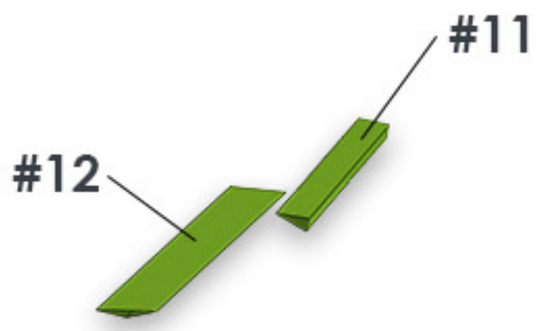
10.



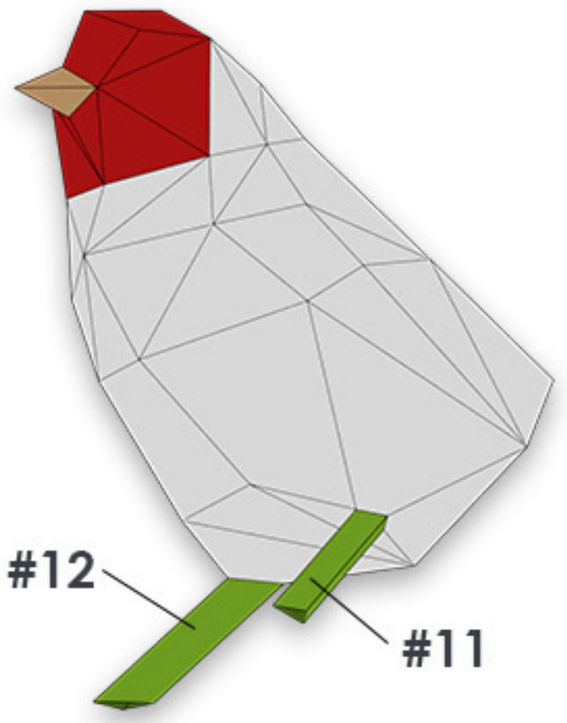
Attach template part **#10**.

11.



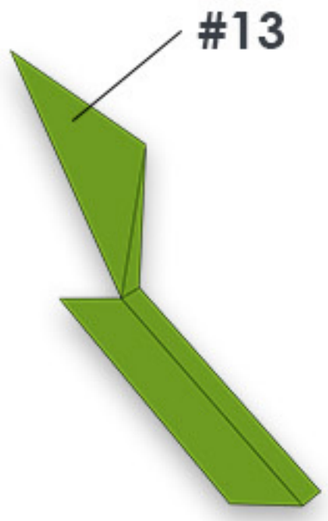
Assemble left leg **#11** and right leg **#12** separately.

12.



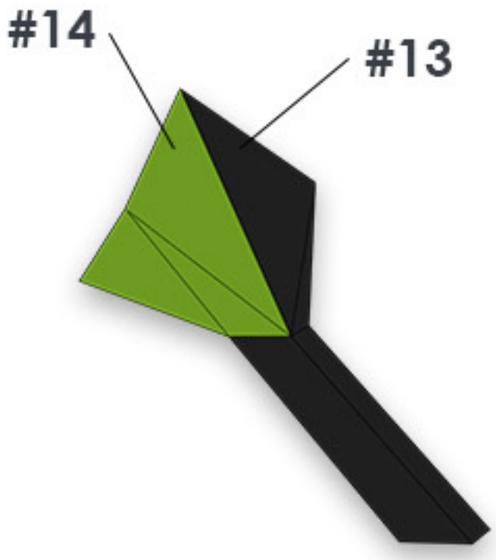
Attach assembled legs **#11**, **#12** to the belly part.

13.



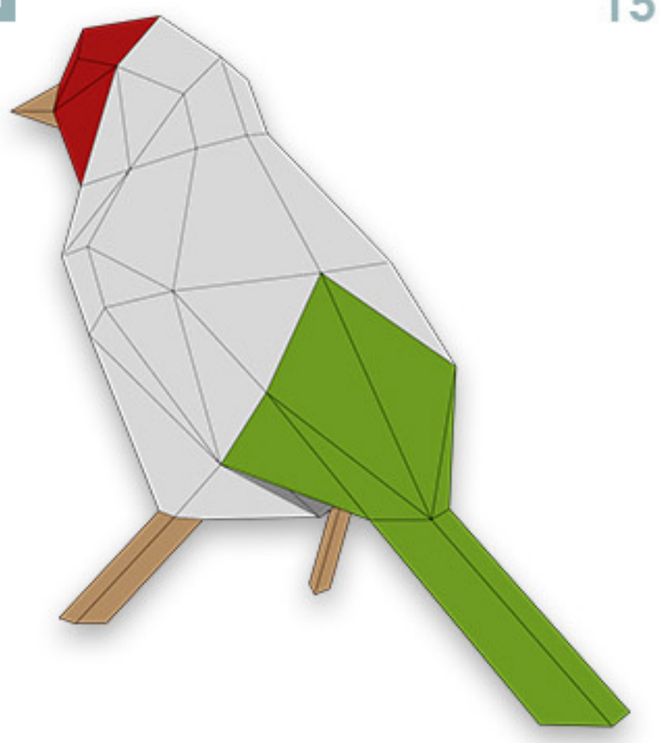
Assemble tail separately.

14.



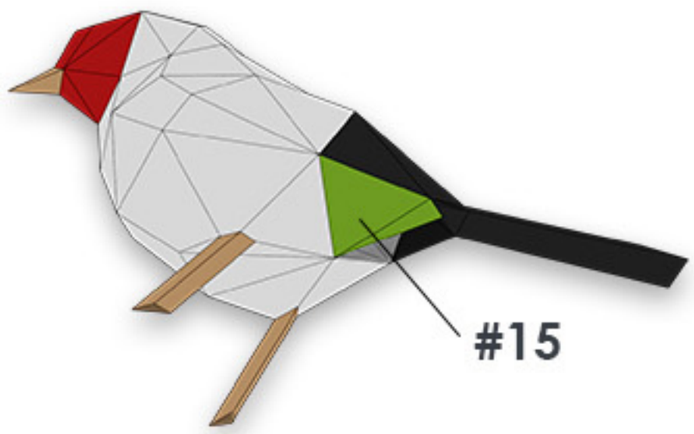
Attach tail template part **#13** to **#14**.

15.



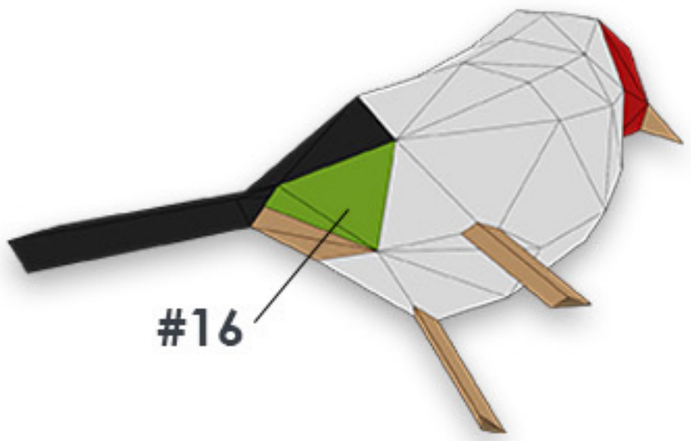
Attach assembled tail to the back section.

16.



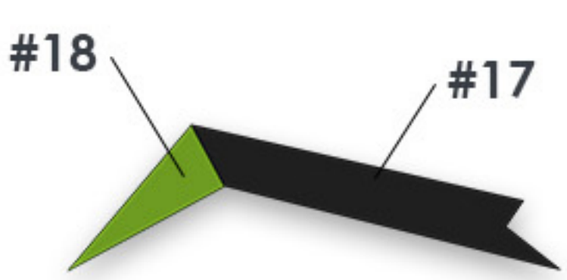
Attach template part **#15**.

17.



Attach template part **#16**.

18.



Assemble bottom tail section separately. Attach part **#17** to **#18**.

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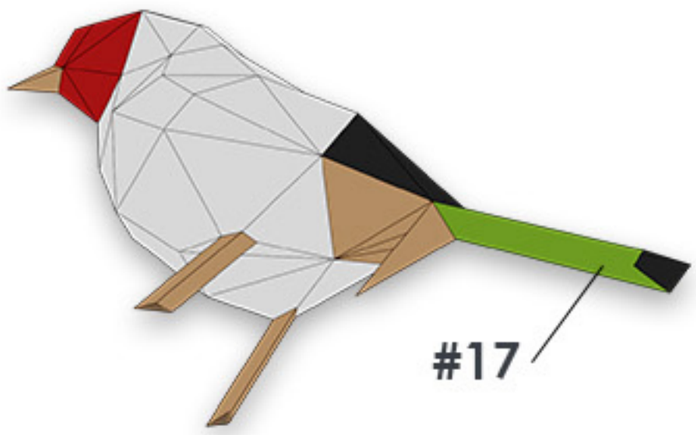
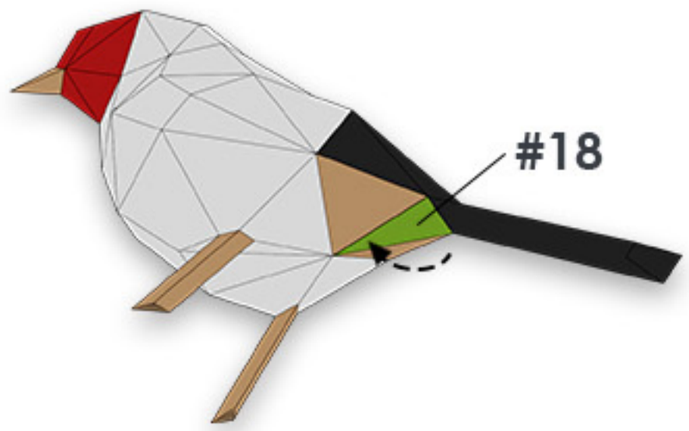
19.



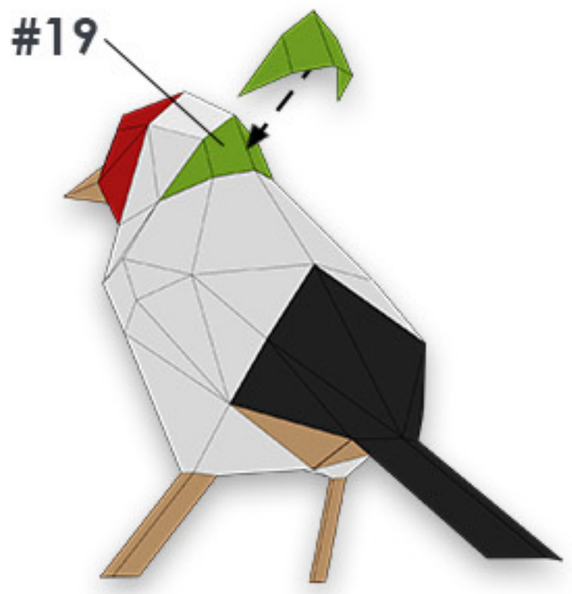
Attach bottom tail template part **#17** to the tail.

20.



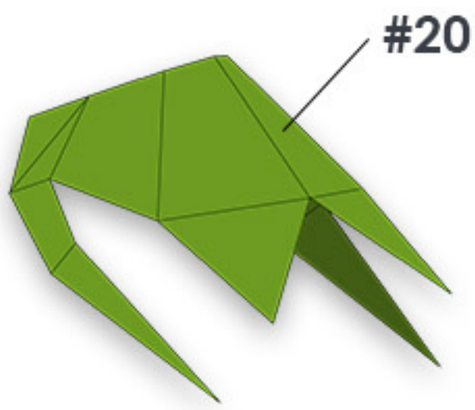
Glue template part **#18** to the butt.

21.



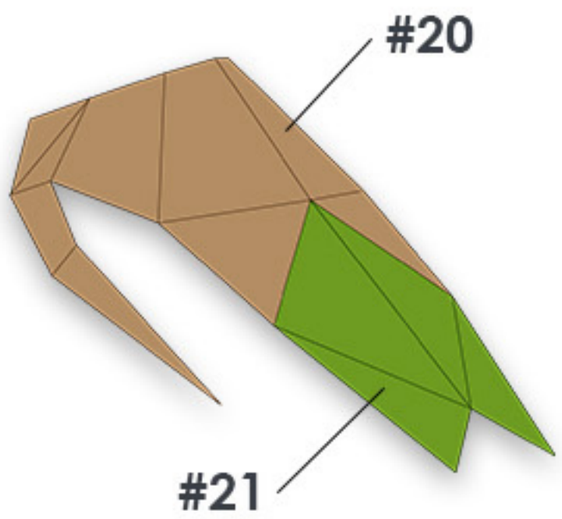
Glue template part **#19** to already assembled back of the head.

22.



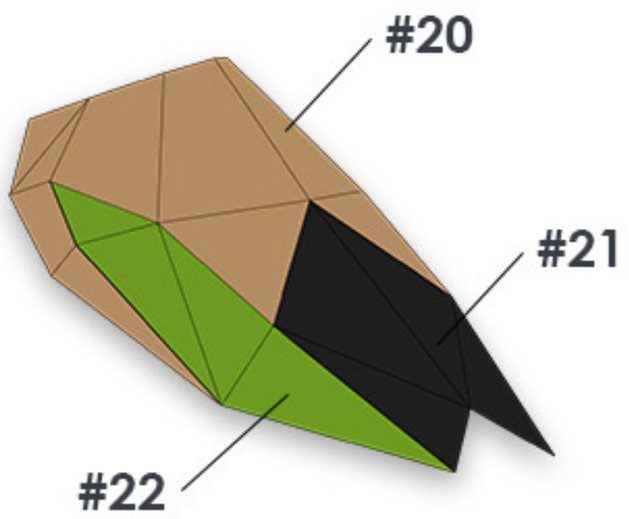
Assemble wings' section separately. Assemble temp. part **#20**.

23.



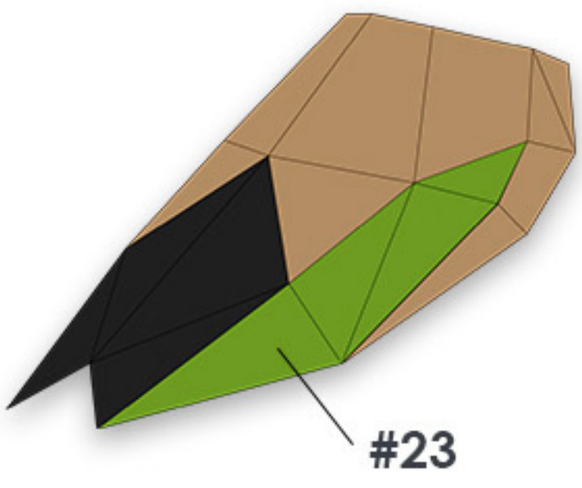
Attach template part **#21** to **#20**.

24.



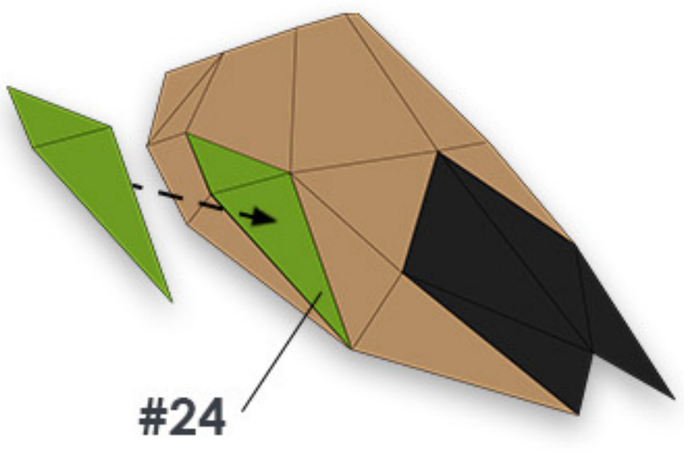
Attach template part **#22**.

25.



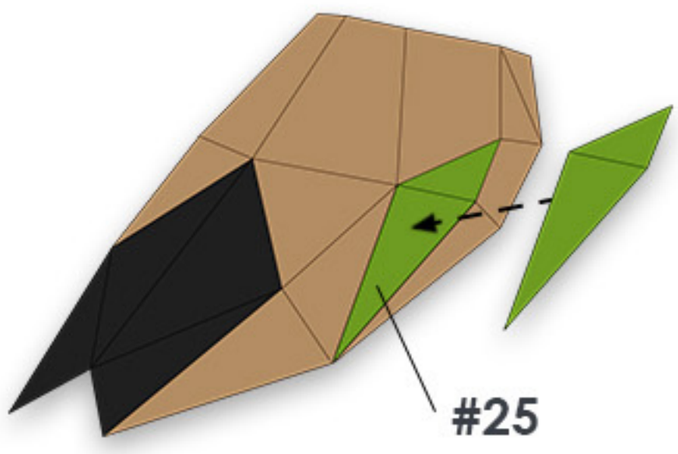
Attach template part **#23**.

26.



Glue template part **#24** to the wings' section.

27.



Glue template part **#25** to the wings' section.

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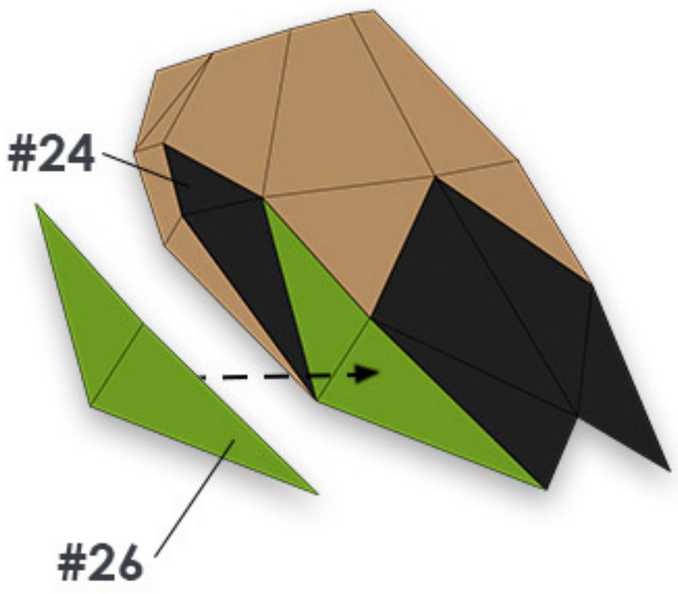
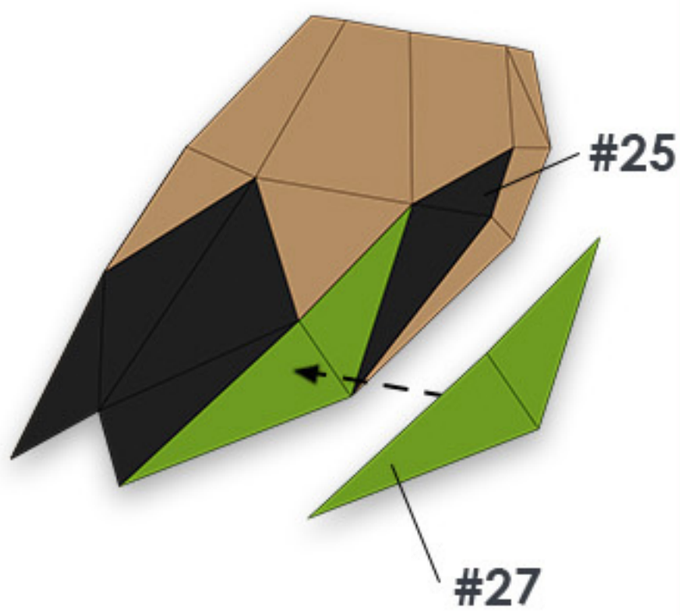
28.



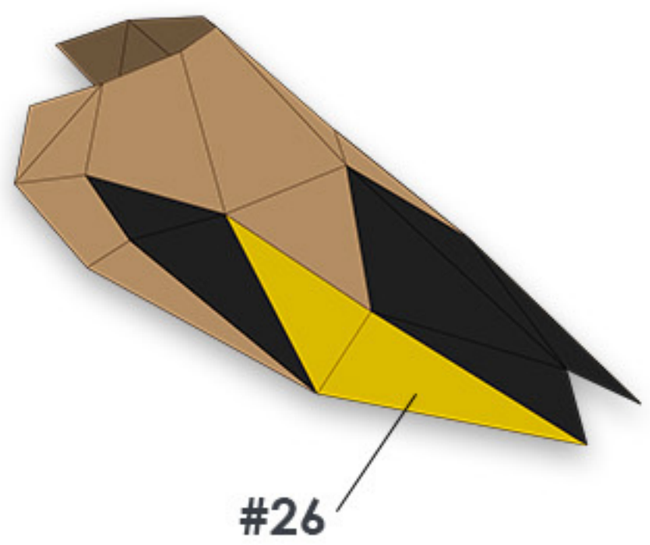
Glue template part **#26** to the wings' section.

29.



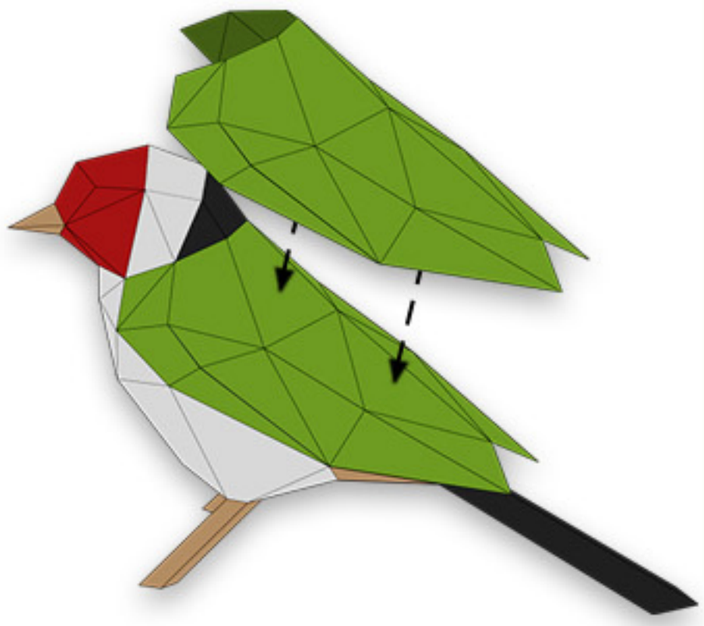
Glue template part **#27** to the wings' section.

30.



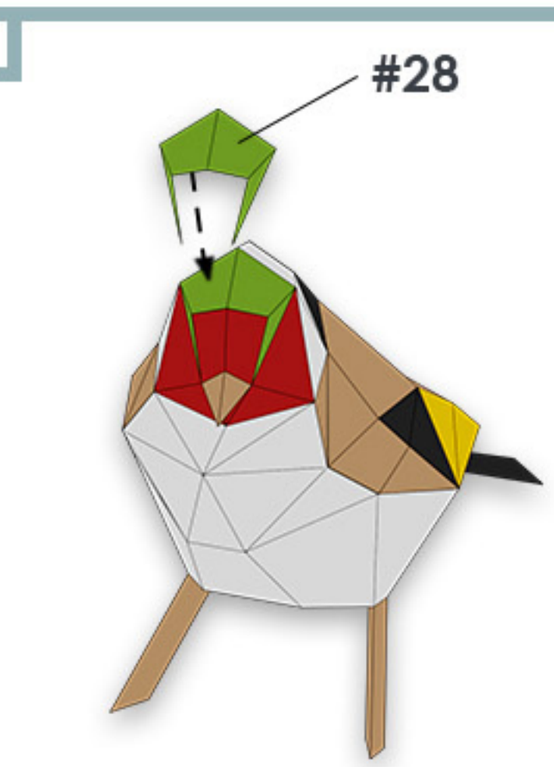
Wings' section is assembled.

31.



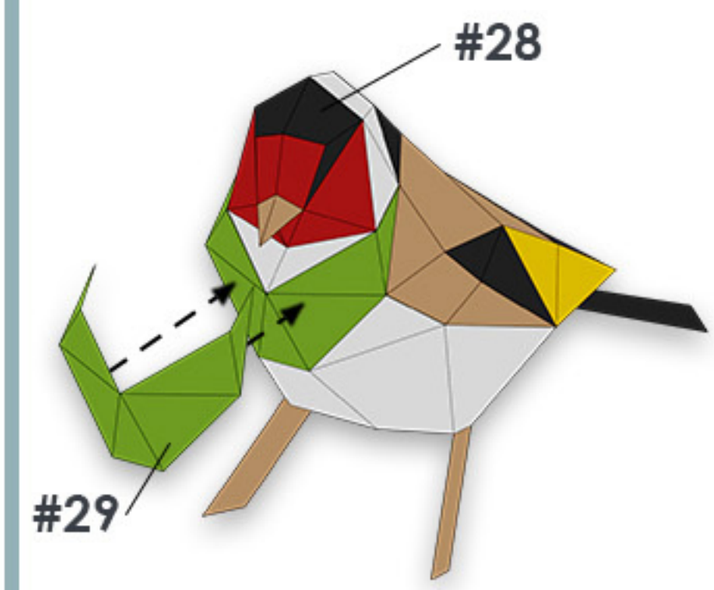
Glue wings section to the back of the body.

32.



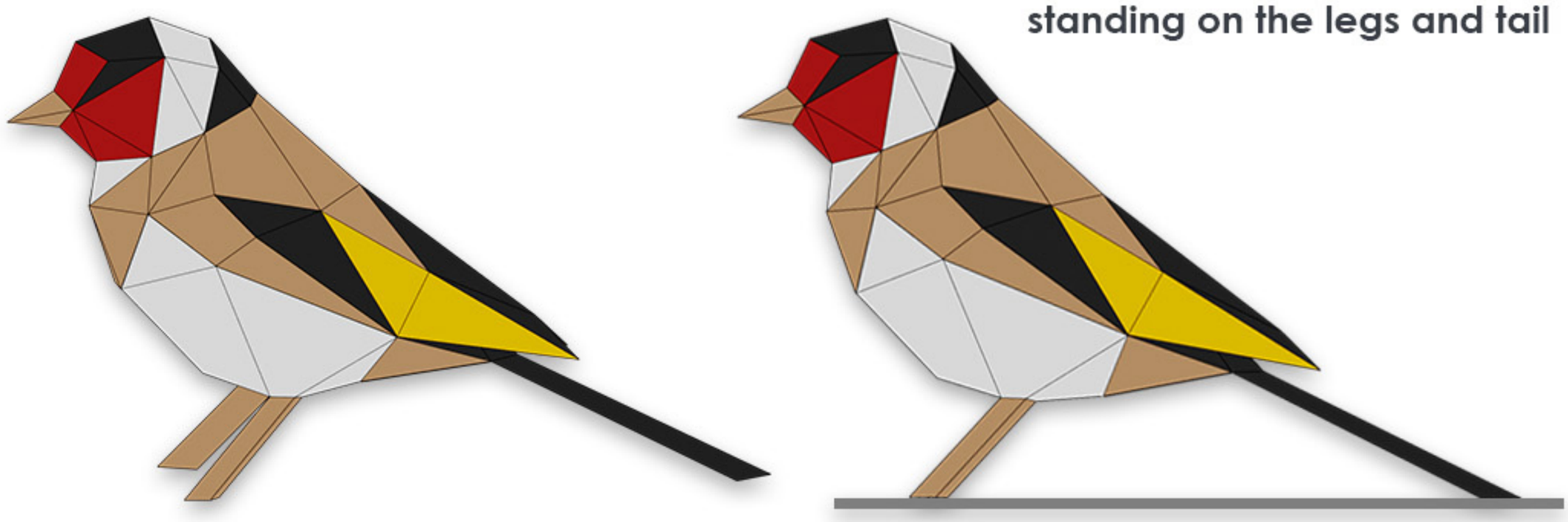
Glue template part **#28** to the head.

33.



Glue template part **#29** to the chest.

GOLDFINCH
standing on the legs and tail



Congratulations! You are done with gluing. Your 3D papercraft **GOLDFINCH** assembly is complete.
The bird is free standing on its legs and tail. Different installation options are described on the next page.

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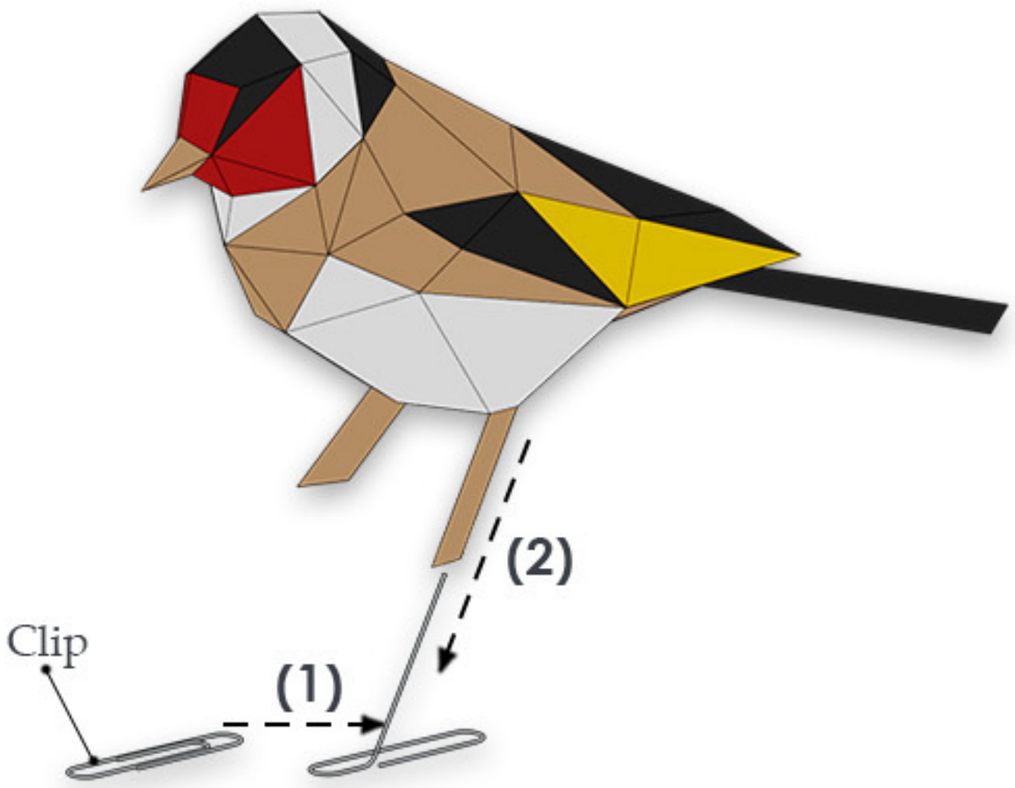
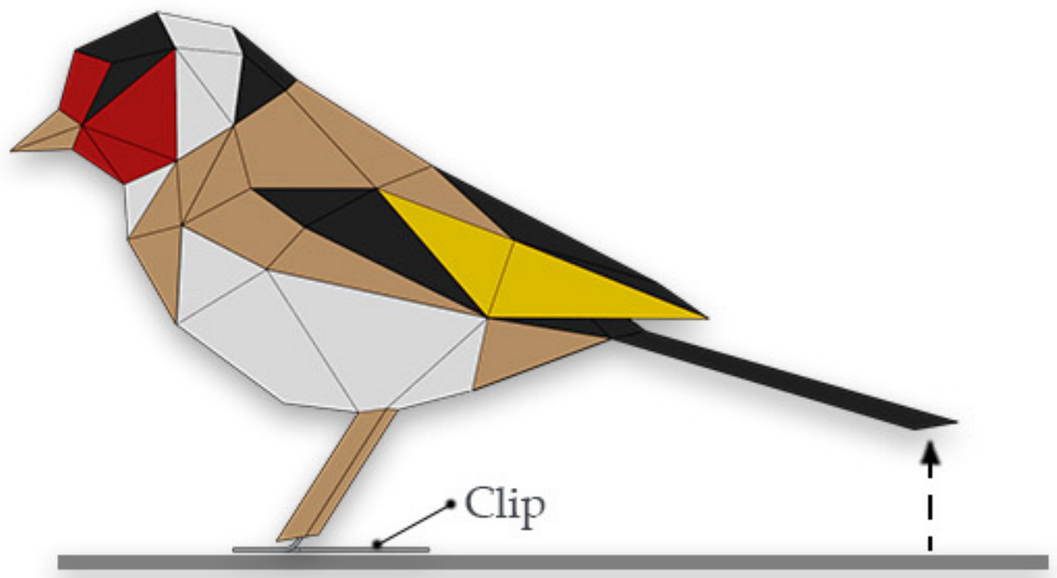
GOLDFINCH standing on the clip

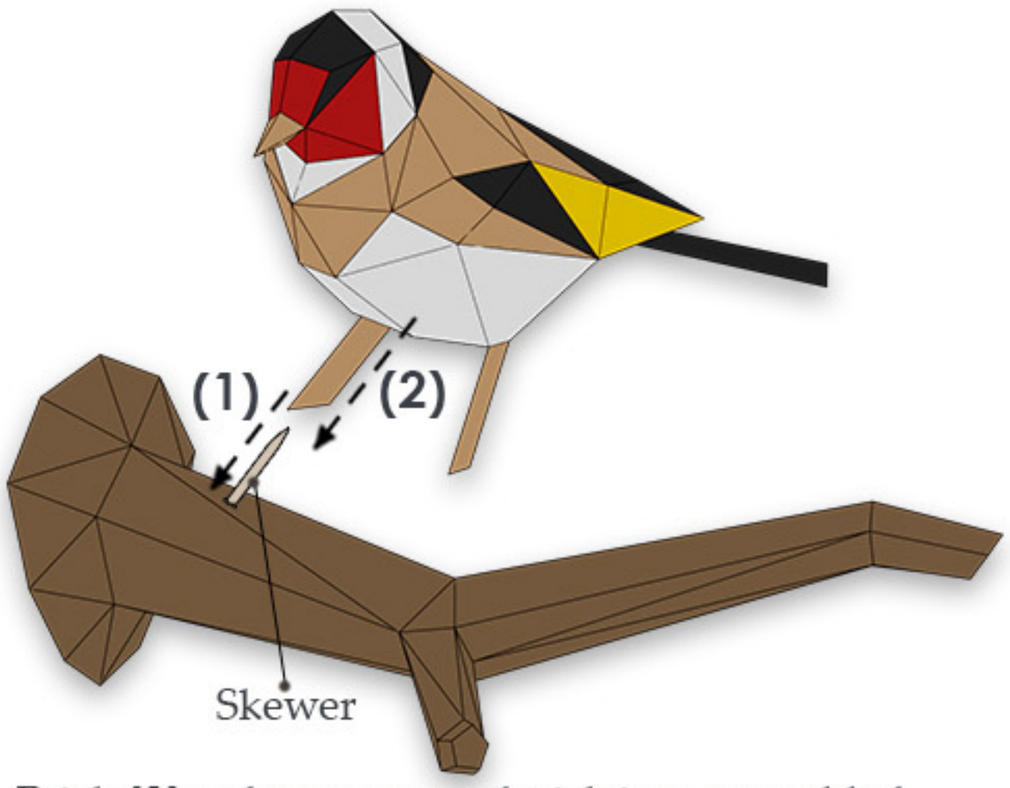


Bend a regular paper clip **(1)** to create support for the bird.



Slide **(2)** bird's leg onto the paper clip. Adjust the bird and clip to position so the bird can stand only on the legs.

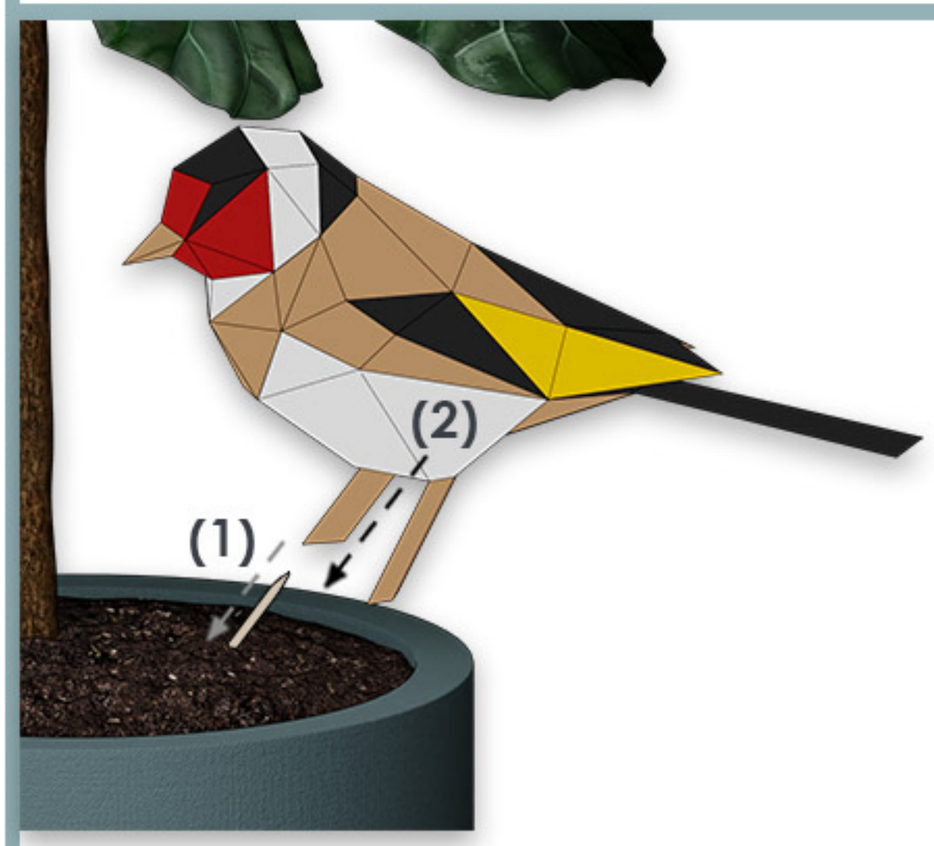
GOLDFINCH standing on the branch



Prick **(1)** a skewer or toothpick into assembled branch to create support for the bird.

Slide **(2)** bird's leg onto the skewer. Adjust the bird and skewer to position so the bird can stand on the branch.

GOLDFINCH standing in the pot



Prick **(1)** a skewer or toothpick into a pot to create support for the bird.

Slide **(2)** bird's leg onto the skewer. Adjust the bird and skewer to position so the bird can stand in the pot.

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06. FINISH

Finish and decorate your assembled 3D papercraft model using your creativity, personal style, and preferences. Feel free to leave it as it is or paint it over with a technique you like. Nice finishing results can be achieved with a brush and acrylic colors or with color sprays or markers. Creativity has no boundaries as well as your **lowPolysm** 3D papercraft model created with your own hands.

> **Finishing tips & tricks:**
>
> Excess glue or glue fingerprints visible on your final assembled model can be easily hidden by applying common finishing spray lacquer. Spray your entire papercraft model with a thin layer of transparent water-based finishing lacquer. Your paper model will get a perfect, clean glossy look and will become more durable and firmer.

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ENJOY

We believe you have had a lot of fun on the journey of assembling your own **lowPolysm GOLDFINCH** 3D papercraft model. Now it's time to enjoy the results of your paper crafting and creativity. Decorate your home or office with your completed **lowPolysm** model you made with your own hands or find out how satisfying is to give it to someone as a handmade gift.

We would love to see your final results with any finishing touches you chose to make. Share your assembled **lowPolysm** 3D papercraft model with us on social media with hashtag **#lowPolysm** and follow us on:

@lowPolysm

Find more of our **lowPolysm** 3D papercraft models and get new inspiration on **lowPolysm.com.**

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Thank you for your trust, support and feedback. We really appreciate it because it allows us to do what we love and share it with you. If you enjoyed creating this project, then you will be happy to receive coupon code for a **10% discount off** your next **lowPolysm** 3D papercraft adventure!

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