



MECHA WINGS

3D PAPERCRAFT MODEL

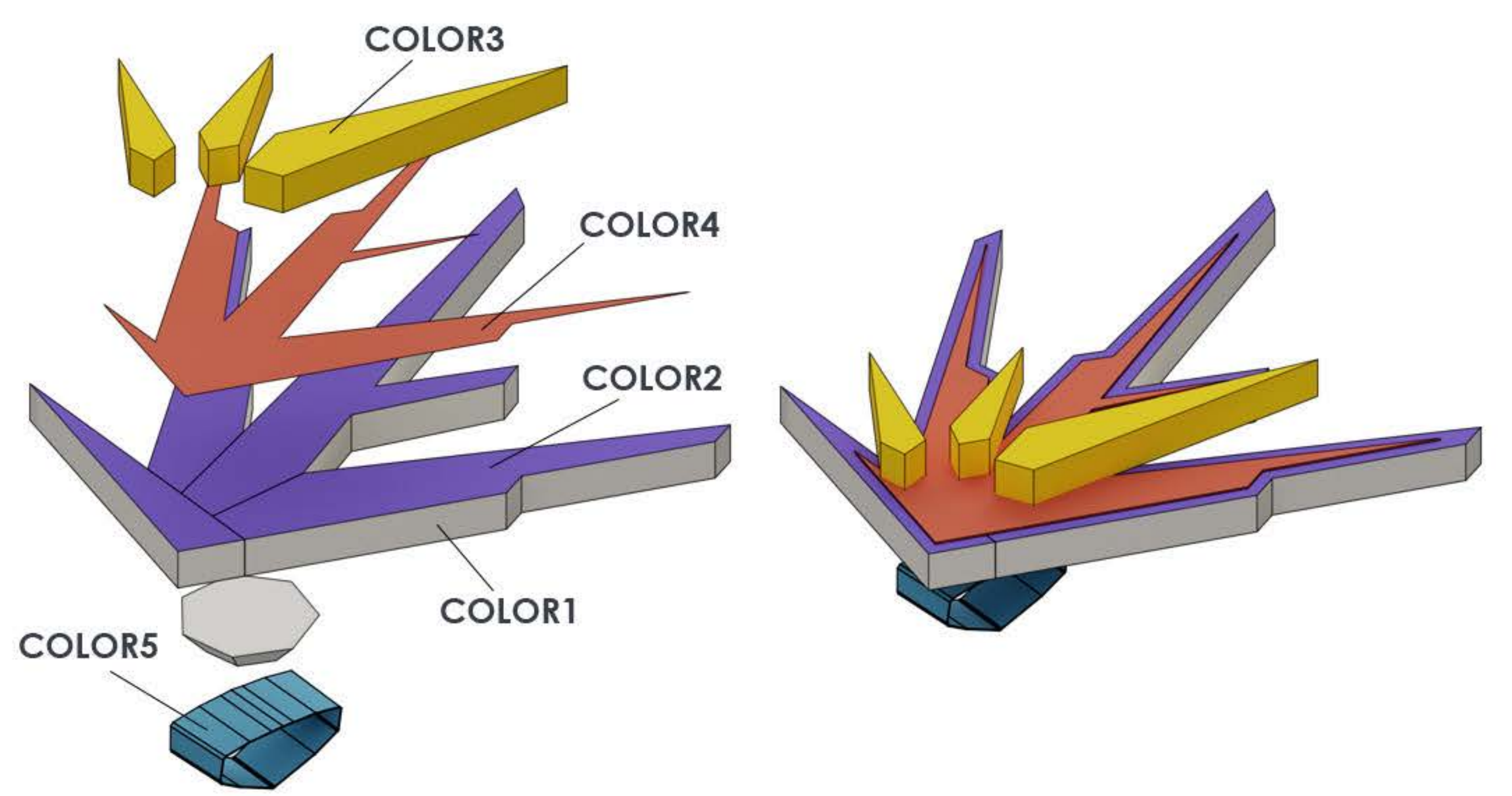


lowPolysm

Begin an exciting and rewarding journey to build your very own **MECHA WINGS** 3D papercraft headset attachment! With just a few sheets of paper and a few simple steps, you'll discover how easy and satisfying it is to create something truly unique. Follow these instructions carefully, enjoy the process, and watch your DIY **MECHA WINGS** headset attachment come to life!

TEMPLATE COLOR REFERENCE

Templates allow you to create and customize your own 3D paper **MECHA WINGS** in various shapes and colors. Select your preferred colors, or use white cardstock and paint it afterwards according to your style and design preferences.



Template Paper Colors:

- COLOR1
- COLOR2
- COLOR3
- COLOR4
- COLOR5

MECHA WINGS Parts:

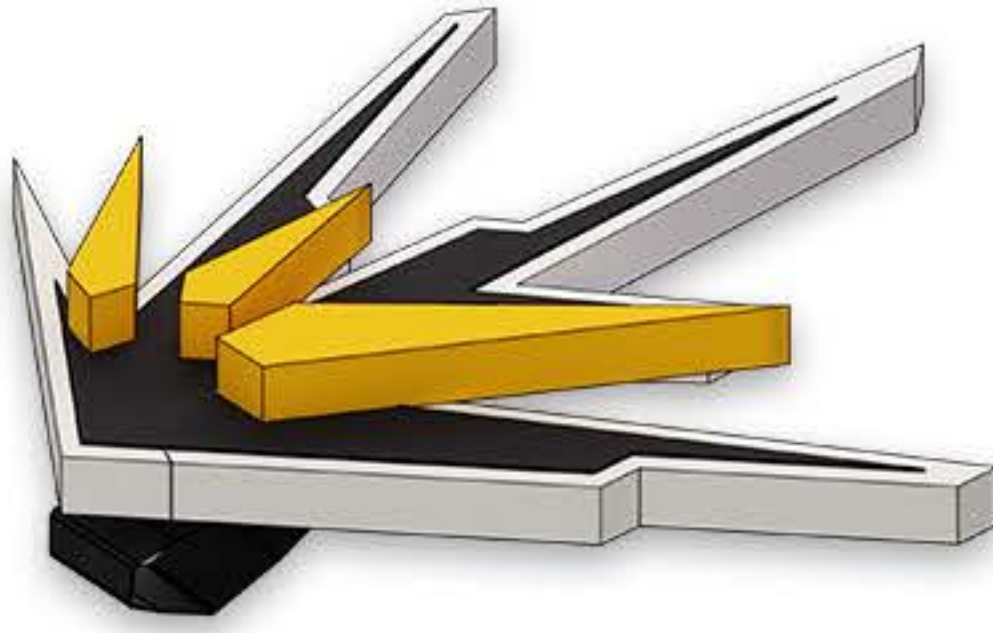
- 3D Base
- Top/Bottom Base
- Crystals
- Shape Inlays
- Headset Mount Bands

Nr. of Sheets:

- 2 sheets
- 2 sheets
- 2 sheets
- 2 sheets
- 1 sheet

SHAPE REFERENCE

Assemble **MECHA WINGS** into various shapes by glueing the invividual parts in different arrangements. Choose a shape from the reference guide below, or create your own design!



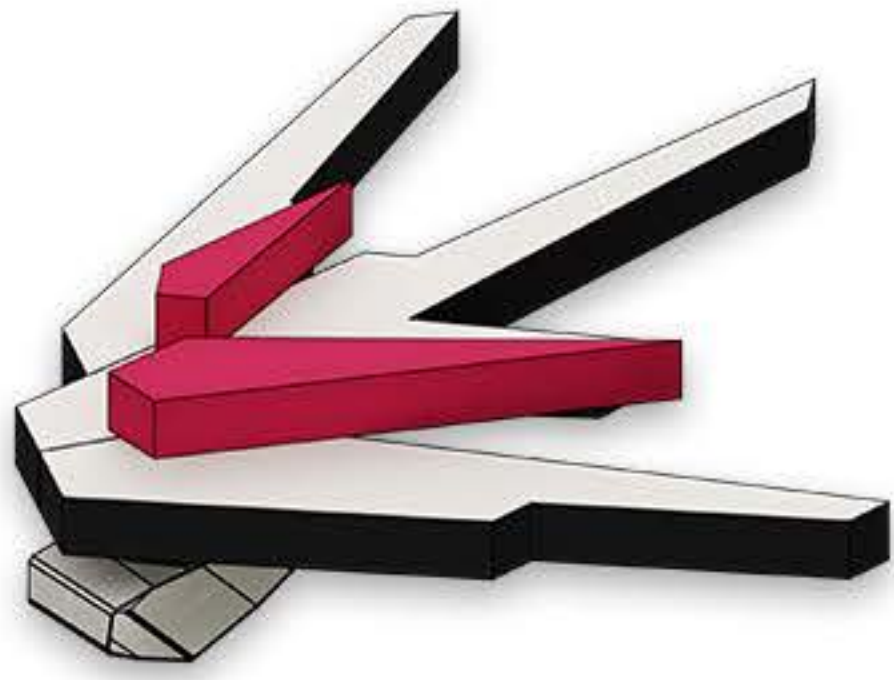
COLOR1

COLOR2

COLOR3

COLOR4

COLOR5



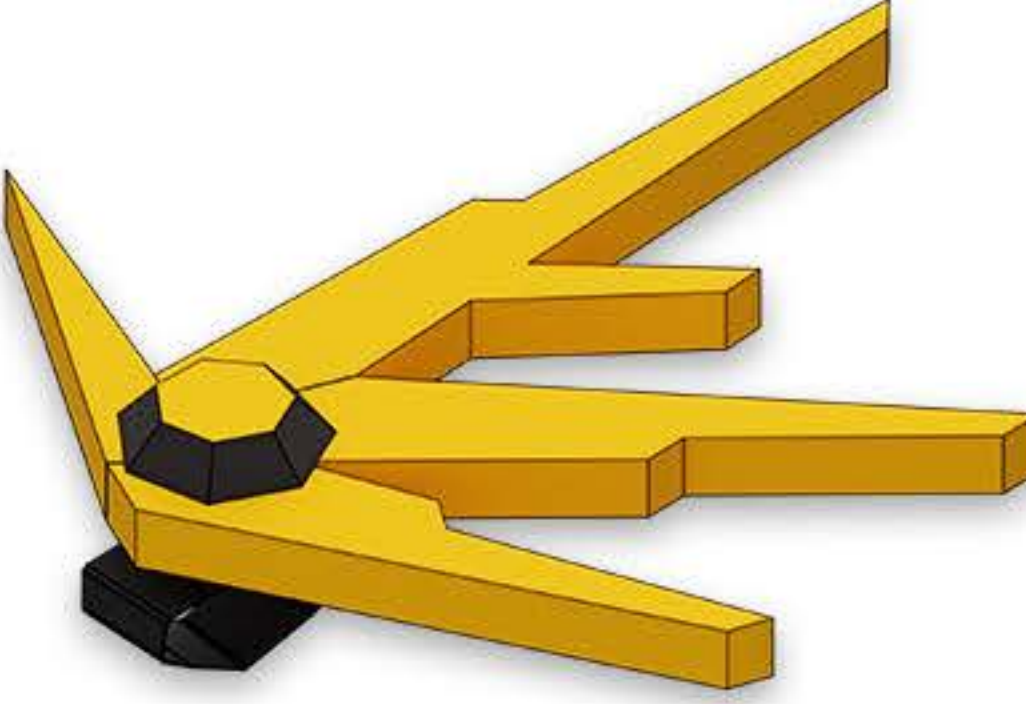
COLOR1

COLOR2

COLOR3

COLOR4

COLOR5



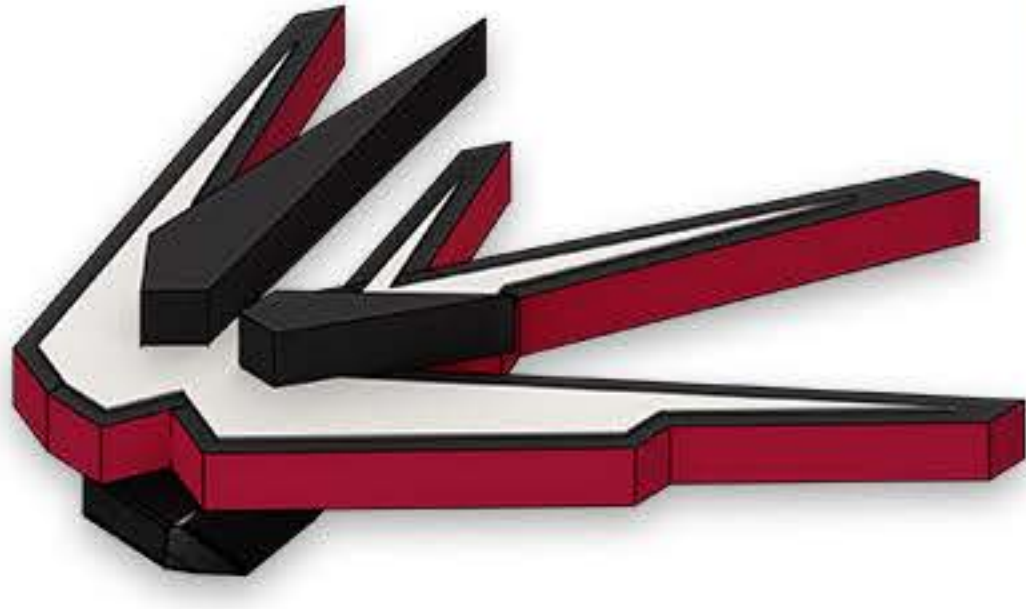
COLOR1

COLOR2

COLOR3

COLOR4

COLOR5



COLOR1

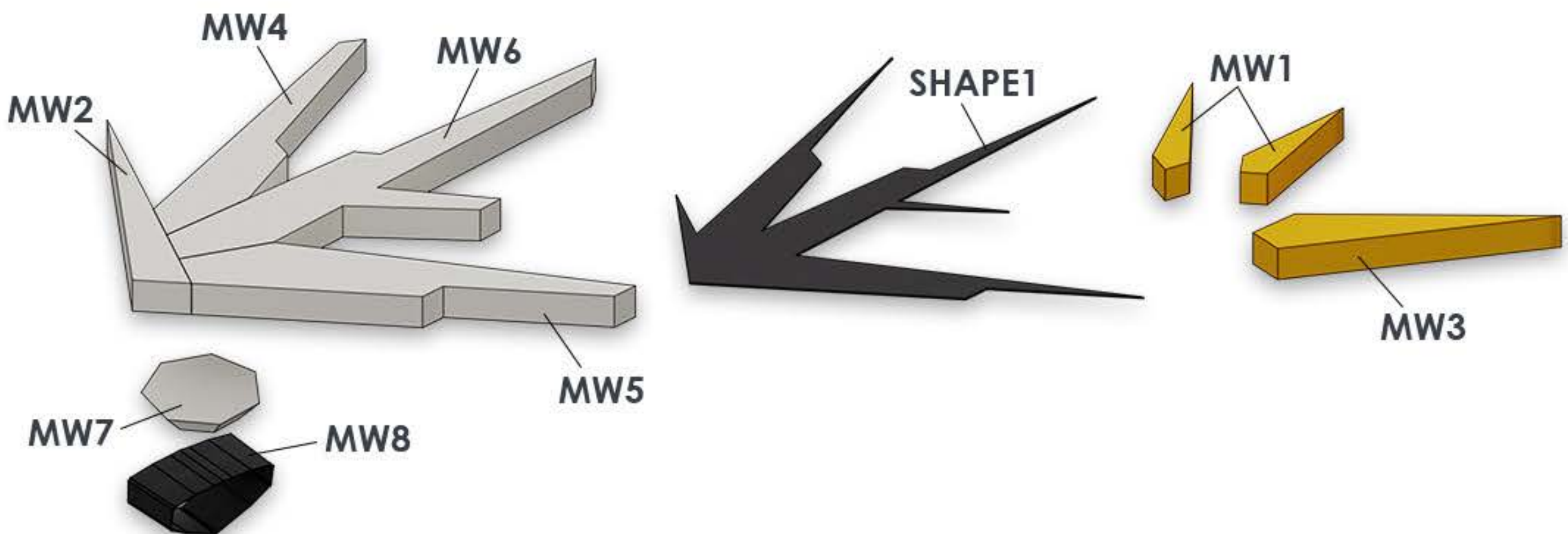
COLOR2

COLOR3

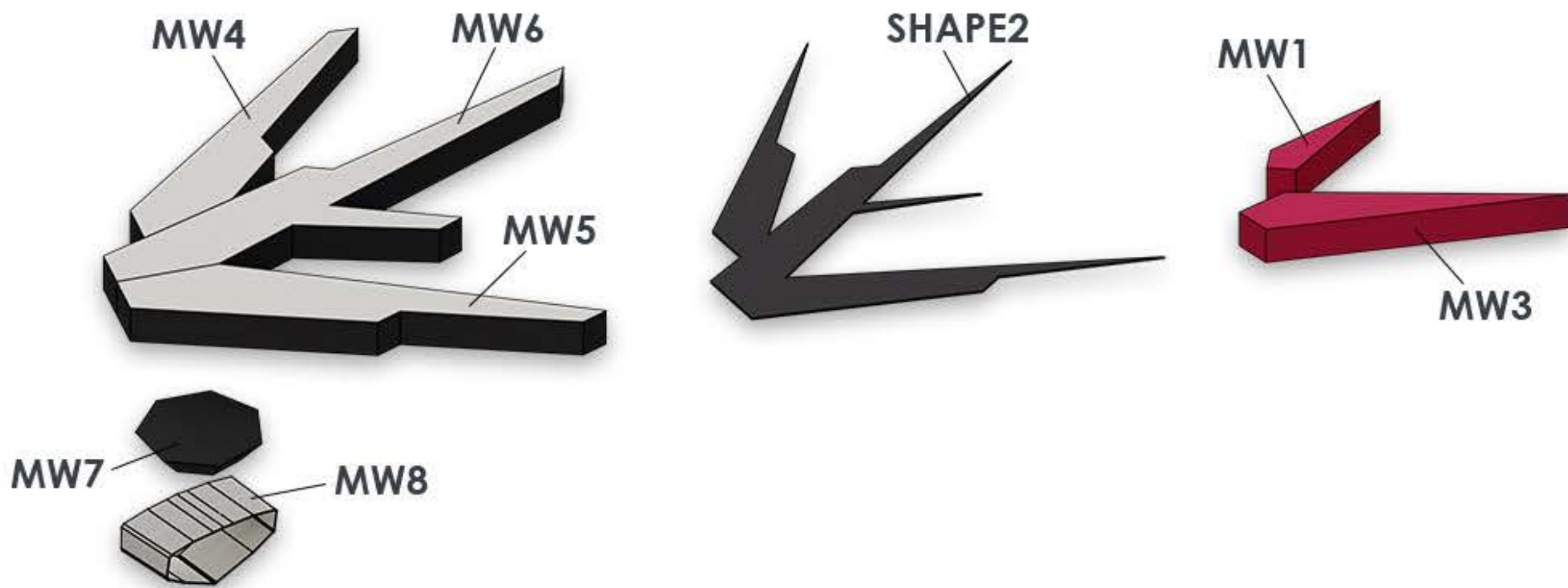
COLOR4

COLOR5

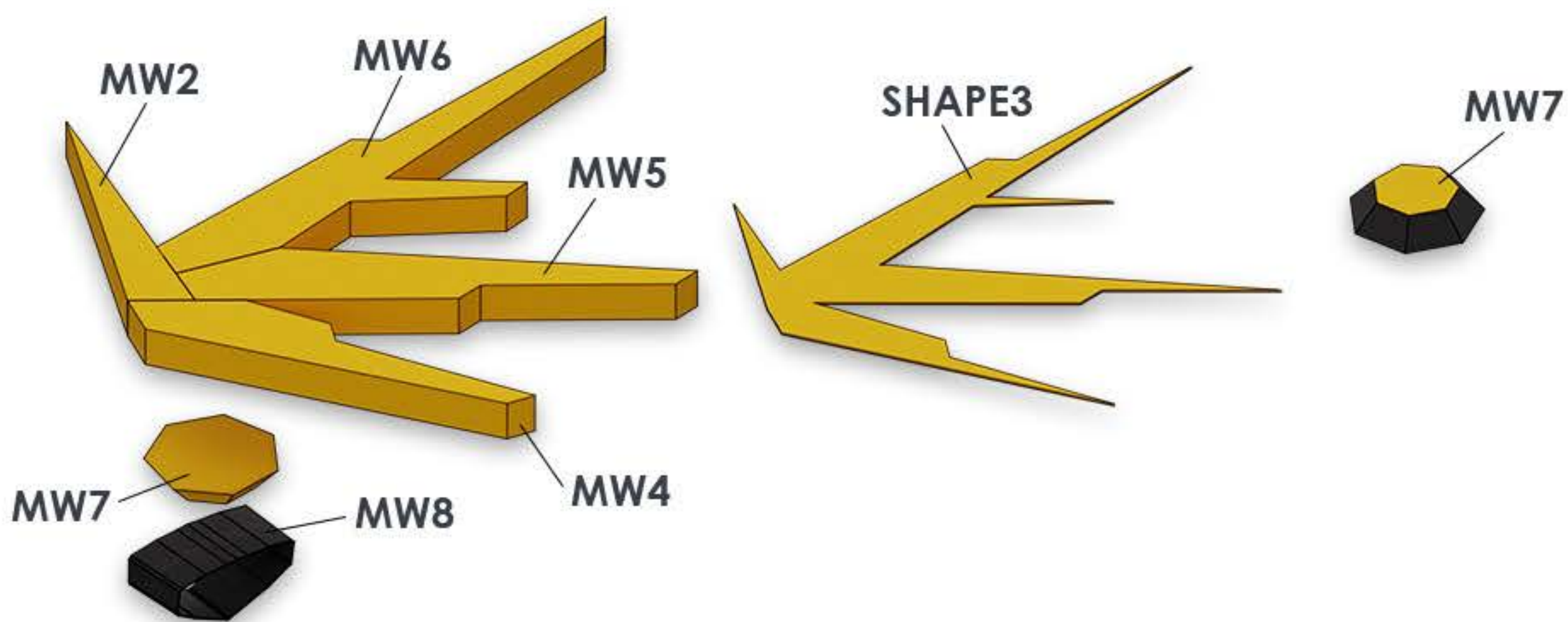
SHAPE1 - PARTS



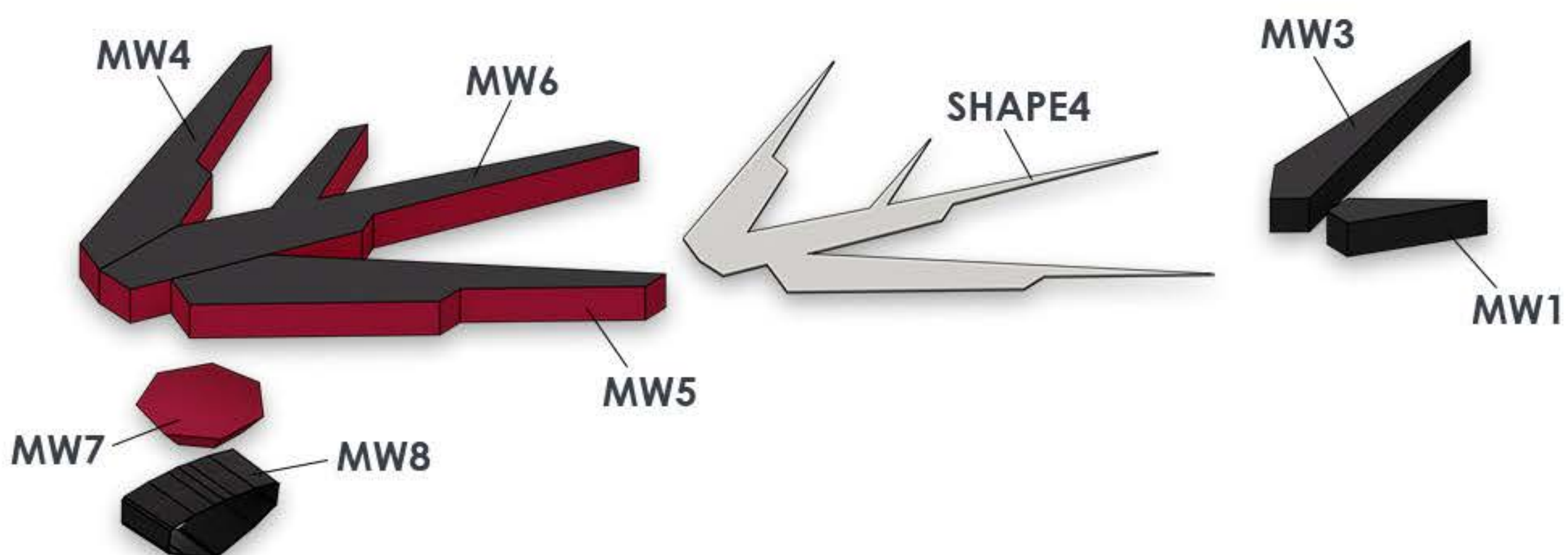
SHAPE2 - PARTS



SHAPE3 - PARTS



SHAPE4 - PARTS



WHAT YOU WILL NEED?

✓  Hands	 Printer	 Cardstock 9 sheets	 Ruler
 Dried out pen	 Scissors	 Paper glue	 Time to enjoy

WHAT NEEDS TO BE DONE?

To create your own personalized **MECHA WINGS** 3D papercraft model, follow the steps below:

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

ENJOY

01. PRINT



Select paper and colors for your paper model. The following paper parameters are recommended:

Paper size: **A4 - 21x29.7cm | Letter - 8.5x11"**

Paper thickness: **220 - 300 g/m² | 80 - 110 lb cover**

Recommended sheet colors and quantities (per pair):

COLOR1	COLOR2	COLOR3	COLOR4	COLOR5
				
2 sheets	2 sheets	2 sheets	2 sheets	1 sheet

or select color(s) of your choice.



Print the PDF template on your chosen colored paper. Note that template builds one **MECHA WING**, so print it twice if you need a pair. Make sure your printer scaling is set to "Actual Size," "100%," or "1:1 Ratio" so the model prints correctly. If you prefer a smaller model, simply scale the printing percentage down.

Ensure all template files are printed at the same printing scale and with identical settings for all pages!

Template file: **MECHA-WINGS-Template-PDF.pdf**

For cutting machines like Cricut or Silhouette, use template files in **SVG**, **DXF** or **STUDIO3** file format.

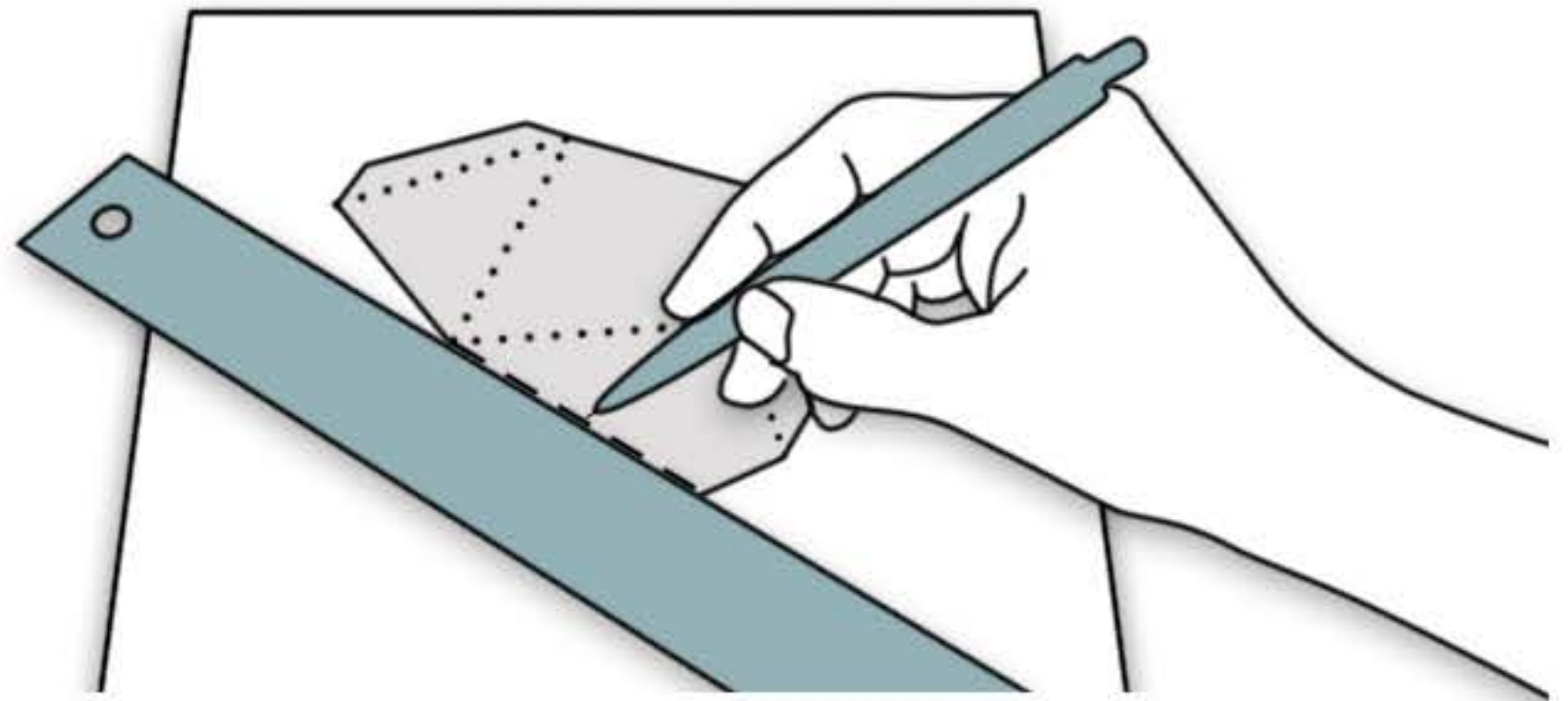
Printing tips & tricks:

If your printer supports larger paper sizes, you can increase the printing scale beyond 100%. The resulting paper model will have proportionally larger dimensions.

For dark-colored paper, printed template lines and numbers might be difficult to see. In this case, print the template files on regular white printer paper first. Then, glue the white printout onto your desired dark-colored paper. This technique is also useful for transferring templates to paper types incompatible with most printers, such as crafting paper, textured paper, metallic paper, or heavyweight cardstock.

02. SCORE

Score all dashed — — — — — and dotted lines on the printed template parts using a ruler and dull tool, such as dried-out ballpoint pen.



Scoring tips & tricks:

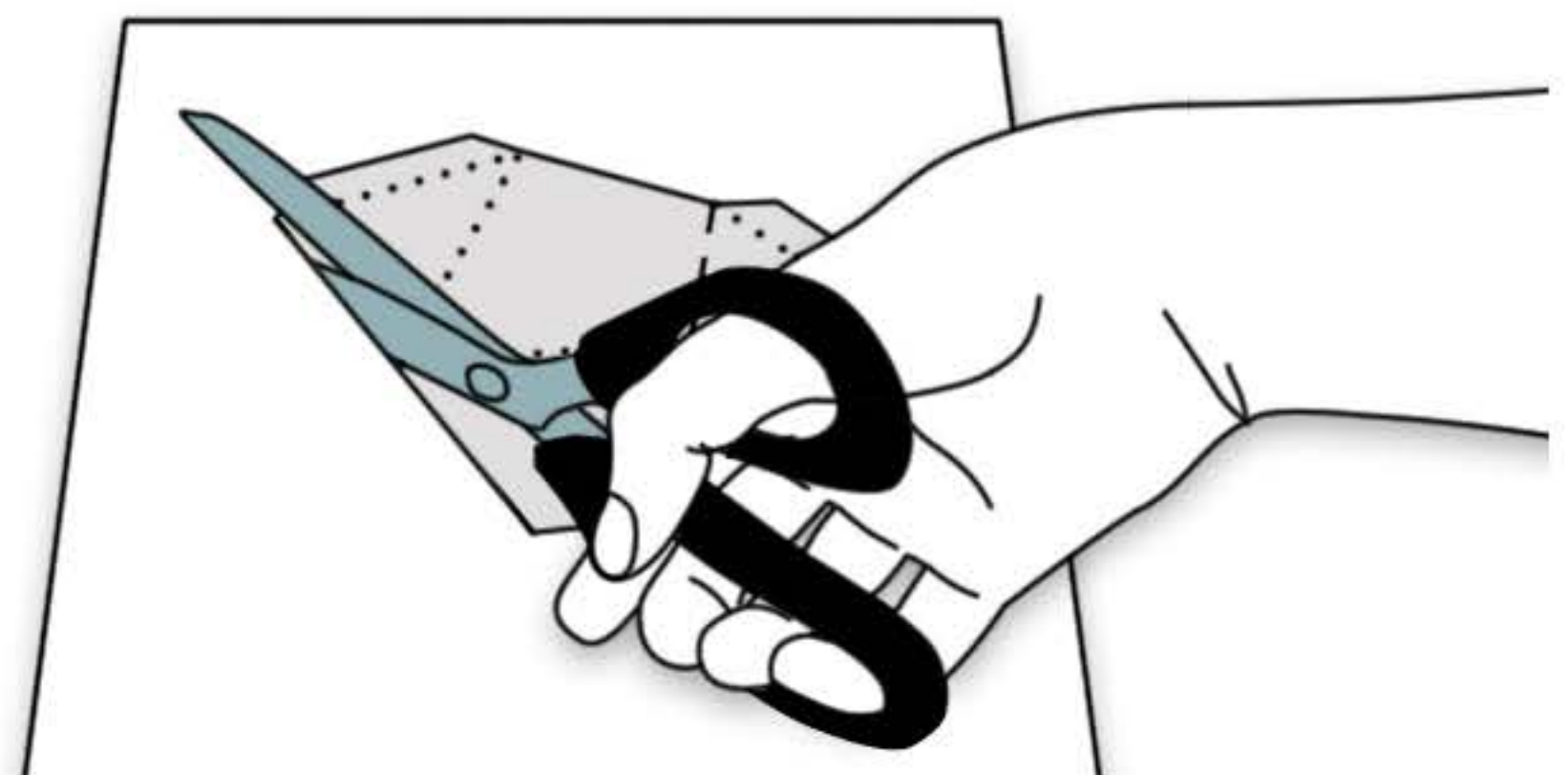
You can also use other tools such as a sharp ruler corner, pin, nail, awl, or quilling pen for scoring. Be careful and gentle to avoid cutting through the paper. Try it on some scrap paper first.

For machine scoring, use cutting machines like Cricut or Silhouette with the provided SVG, DXF, or STUDIO3 template files and respective cutting software.

03. CUT



Cut out the template parts following all the solid ——— lines.



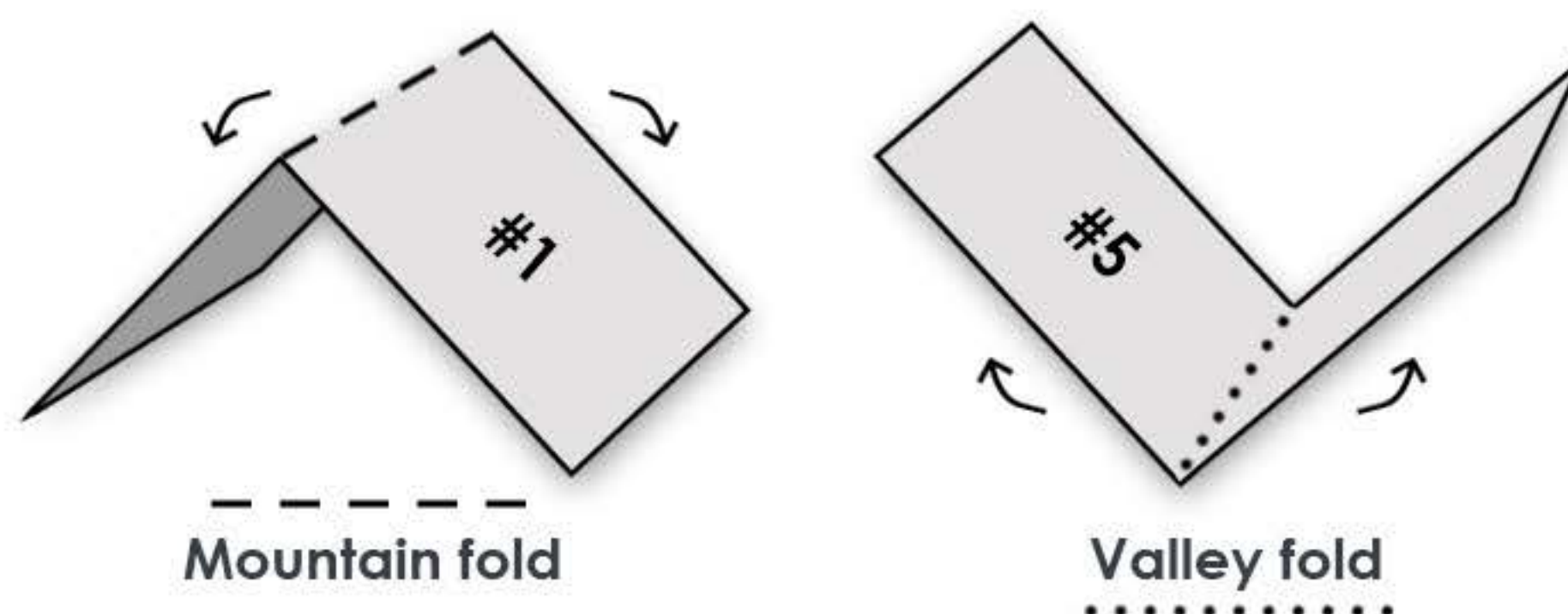
Cutting tips & tricks:

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

For machine cutting, use cutting machines like Cricut or Silhouette with the provided SVG, DXF, or STUDIO3 template files and respective cutting software.

04. FOLD

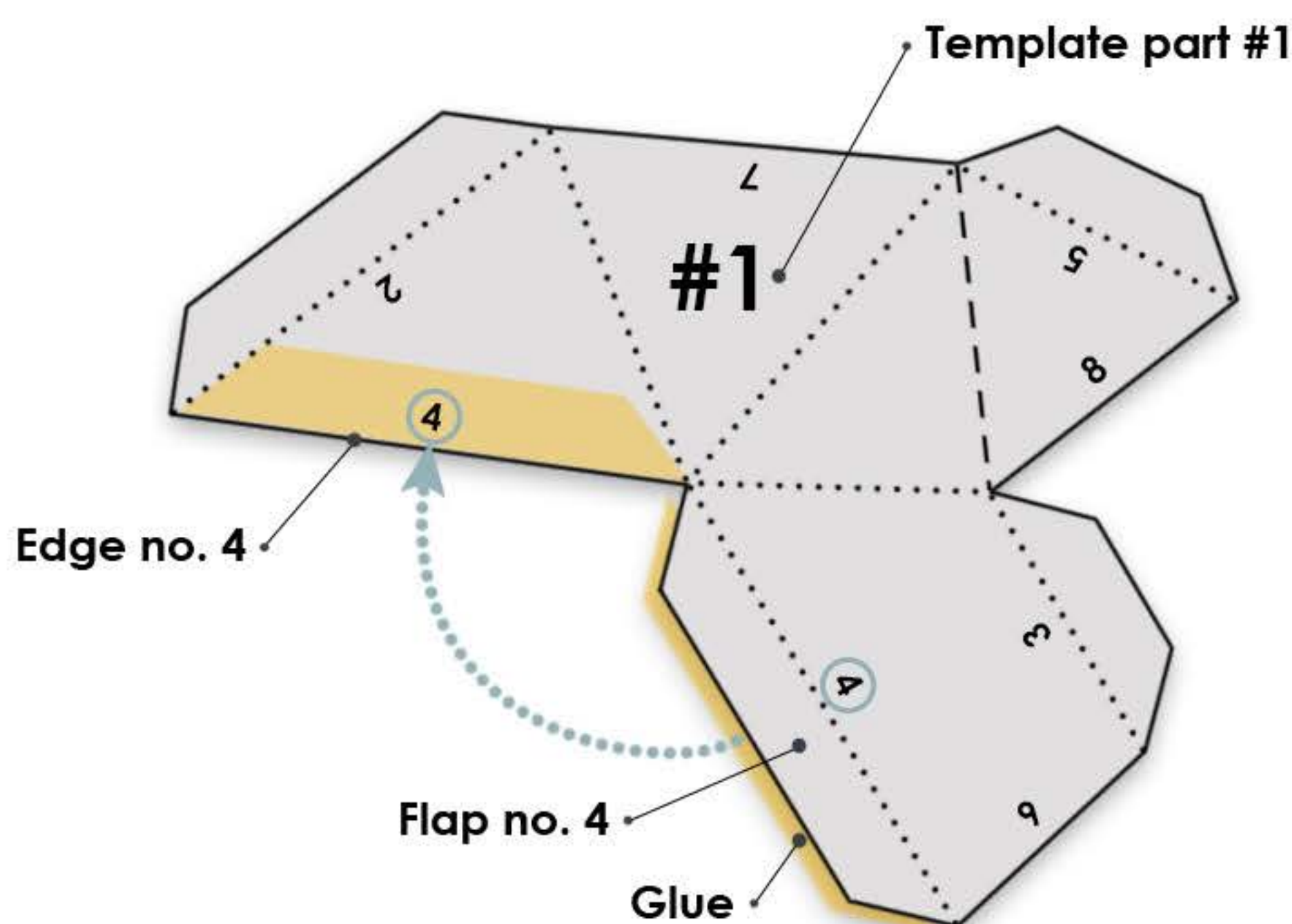
-  Fold all the scored lines. Dashed — — — — — lines indicate mountain folds, while dotted lines indicate valley folds. These folds will become the edges of your 3D papercraft model.



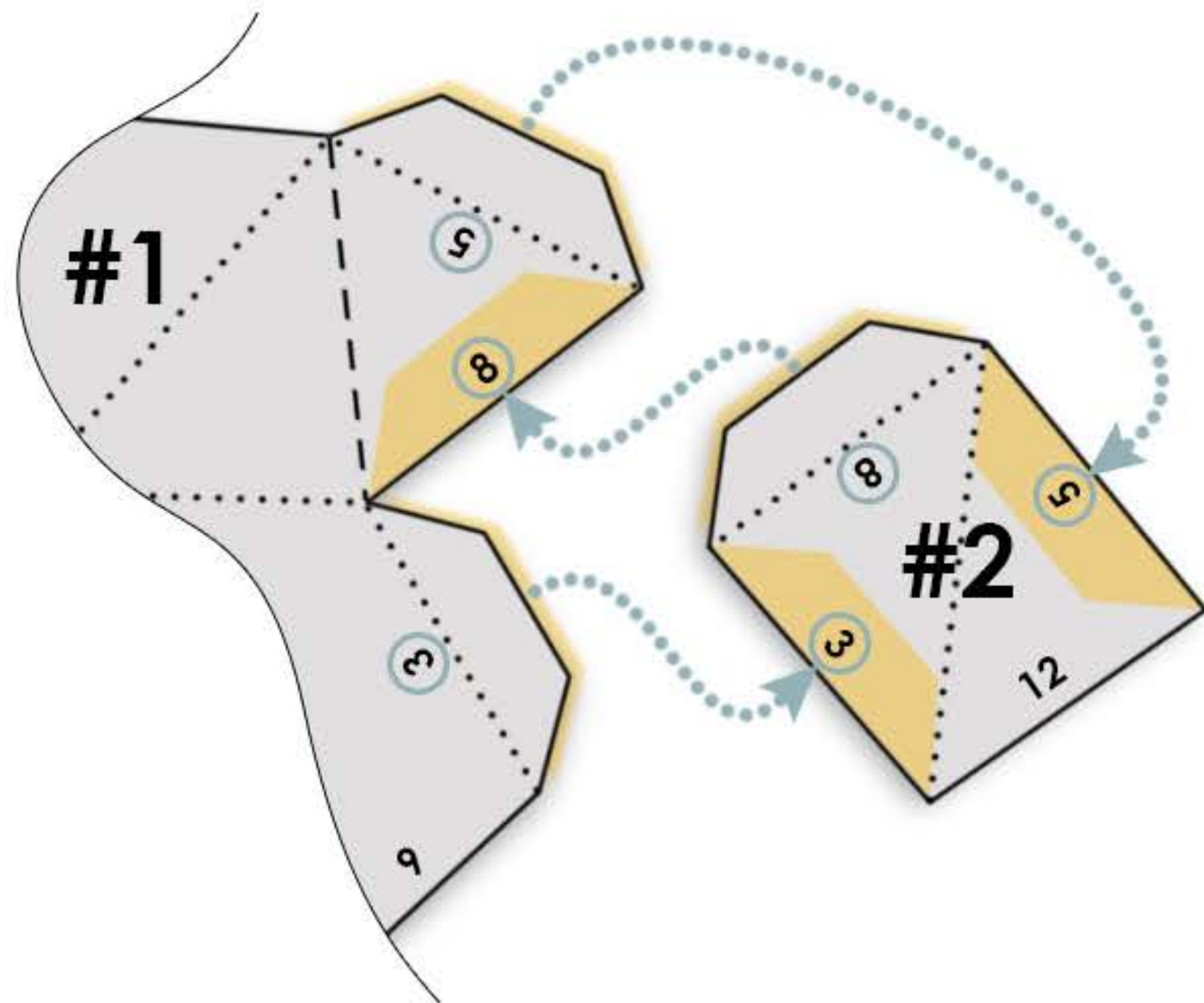
05. GLUE

-  Glue flaps to the edges with the same numbers. Start by gluing the flaps within individual template parts.

Example:



- Glue all the connecting flaps between template parts **#1** and **#2**. Then, continue to template part **#3** and onwards. Visual assembly guide and assembly steps are shown on the next pages.



Gluing tips & tricks:

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

Flap and edge numbers only indicate corresponding pairs that need to be glued together, not the gluing order.

Test-fit the connecting parts before applying glue. Then, spread a thin layer of glue on the designated side of a flap.

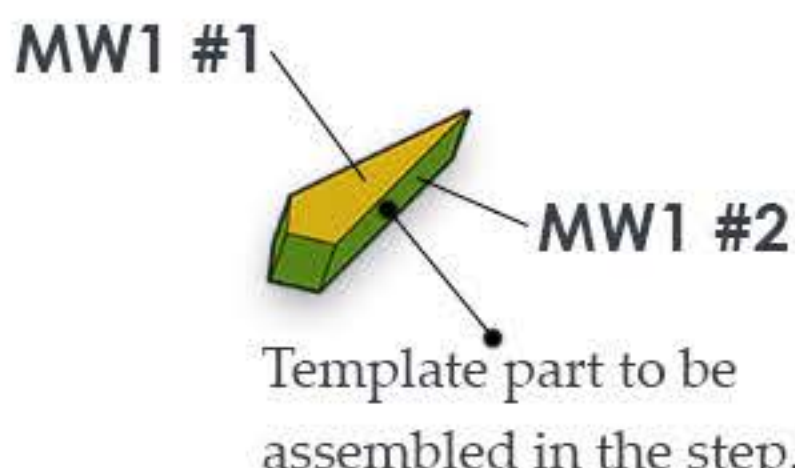
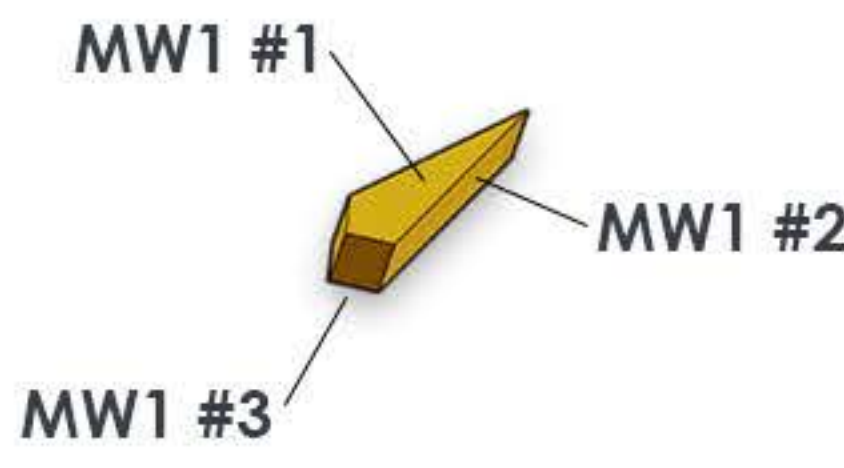
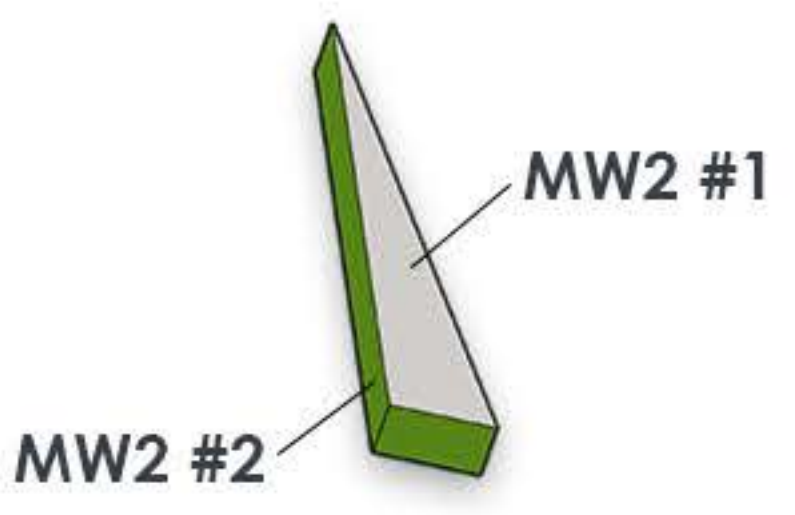
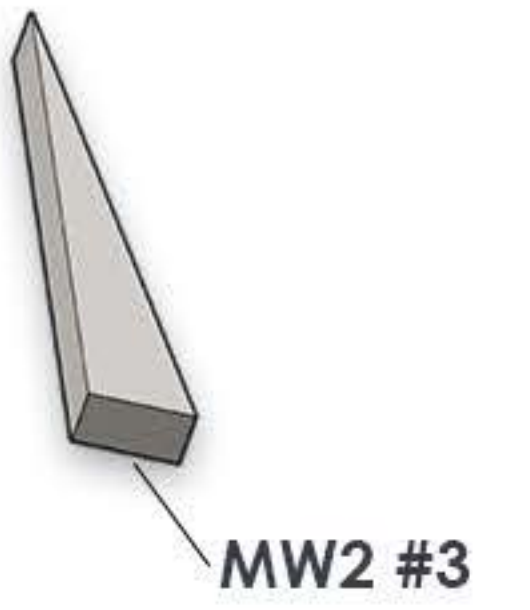
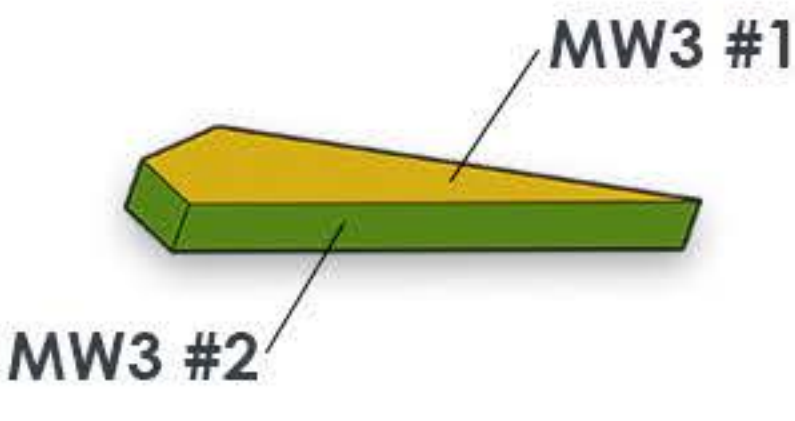
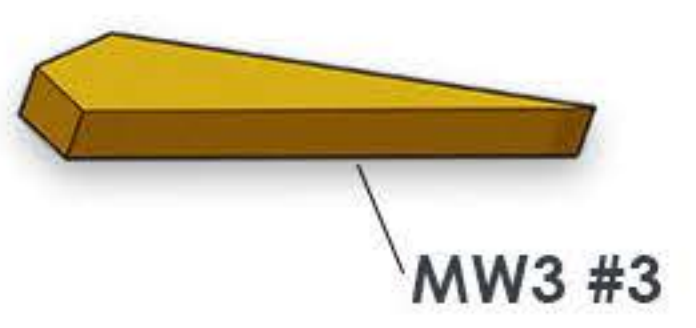
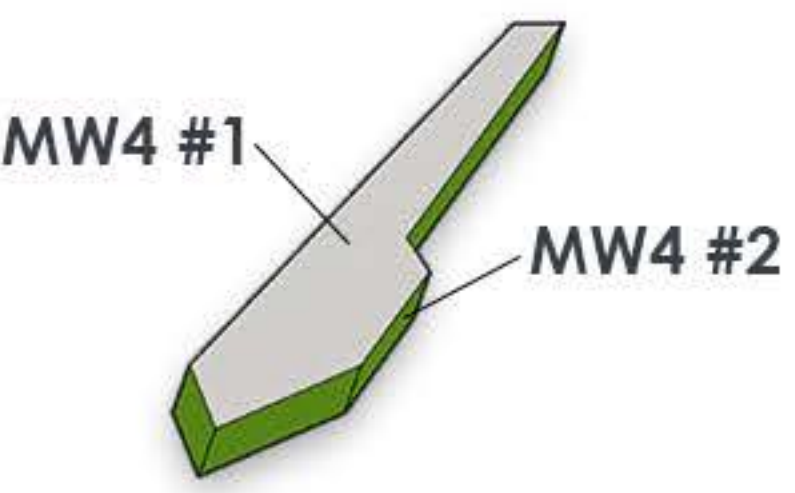
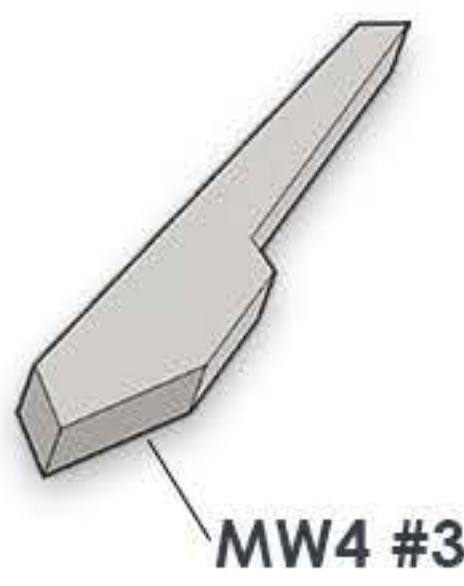
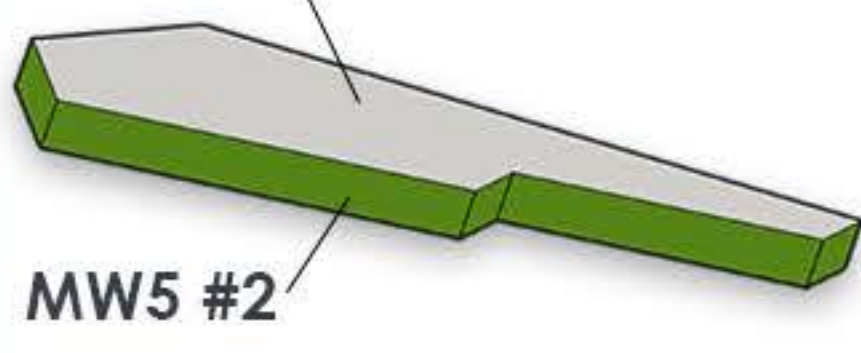
Always glue one flap at a time and wait until it dries out completely before proceeding to the next flap.

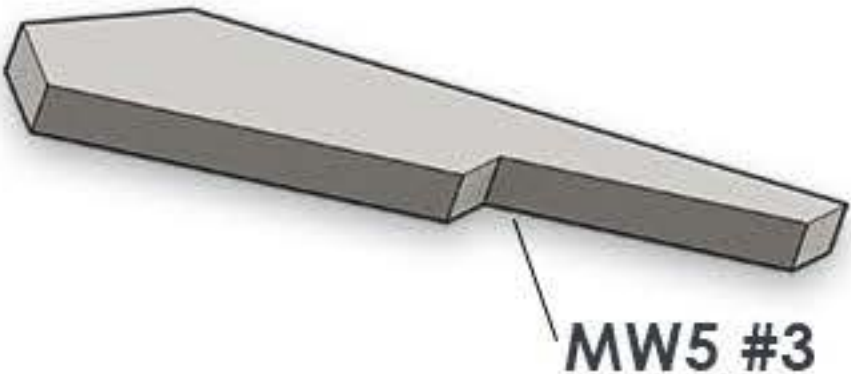
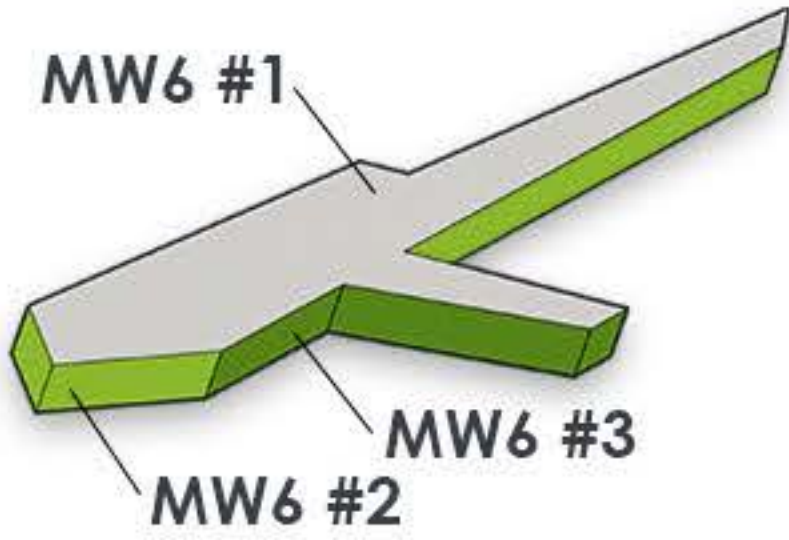
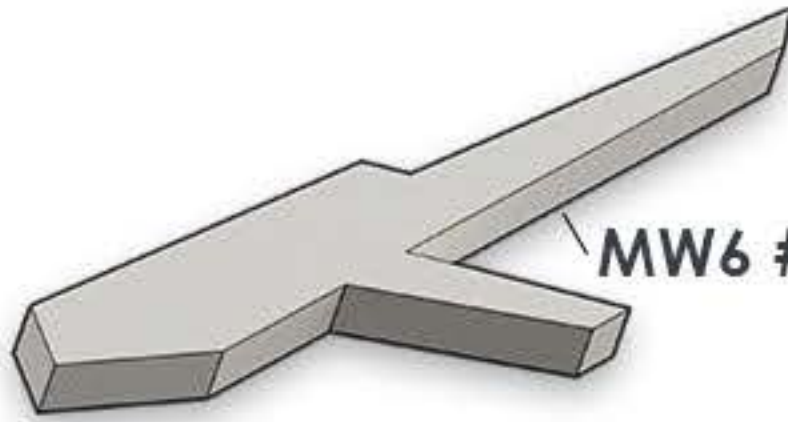
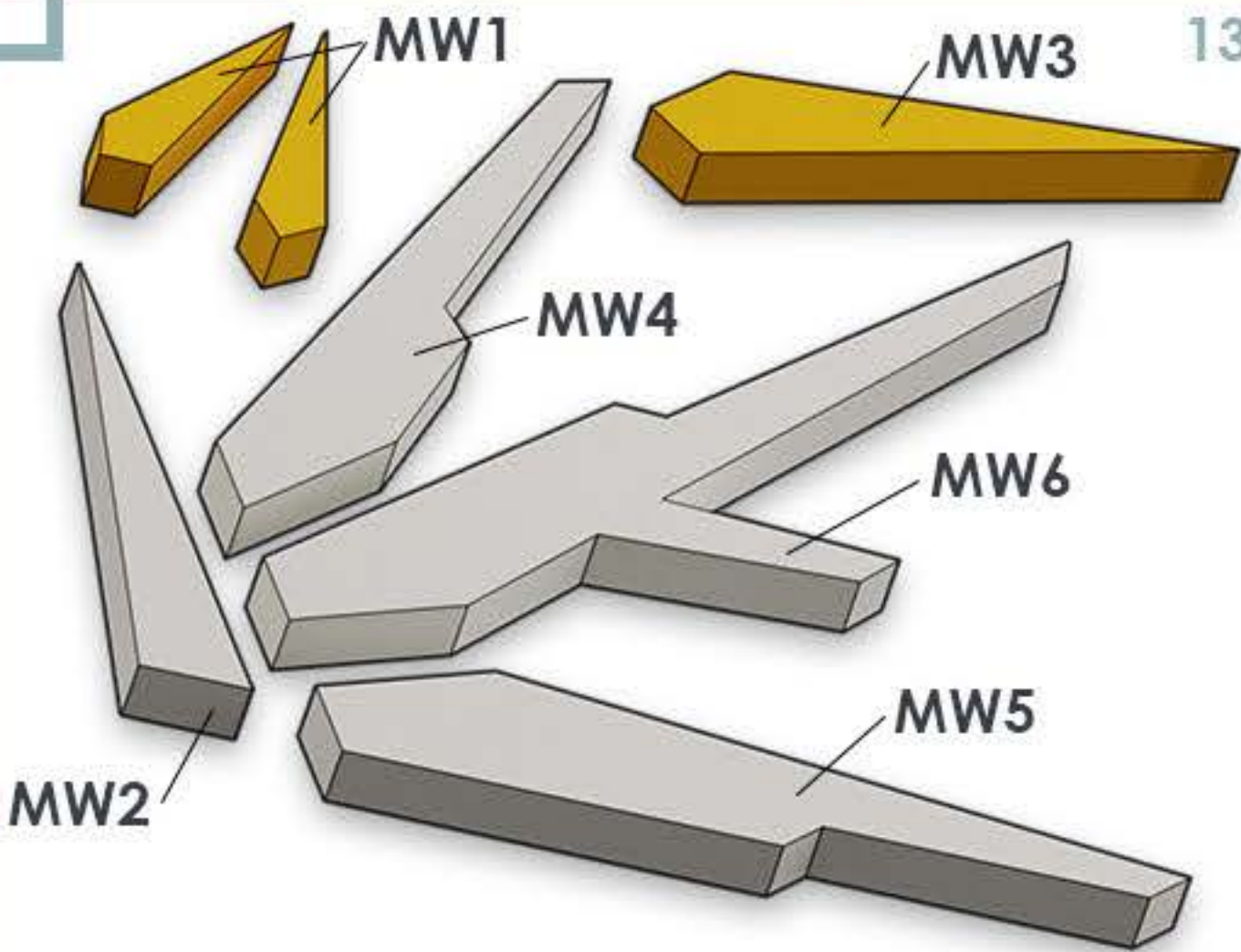
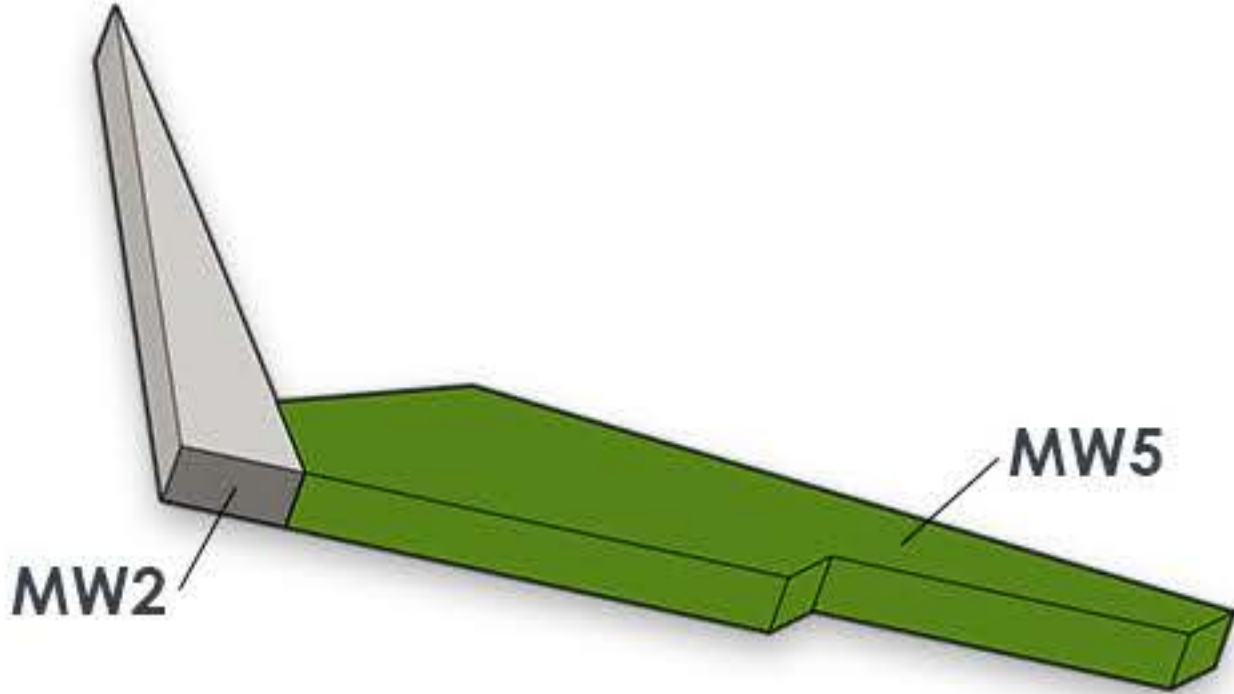
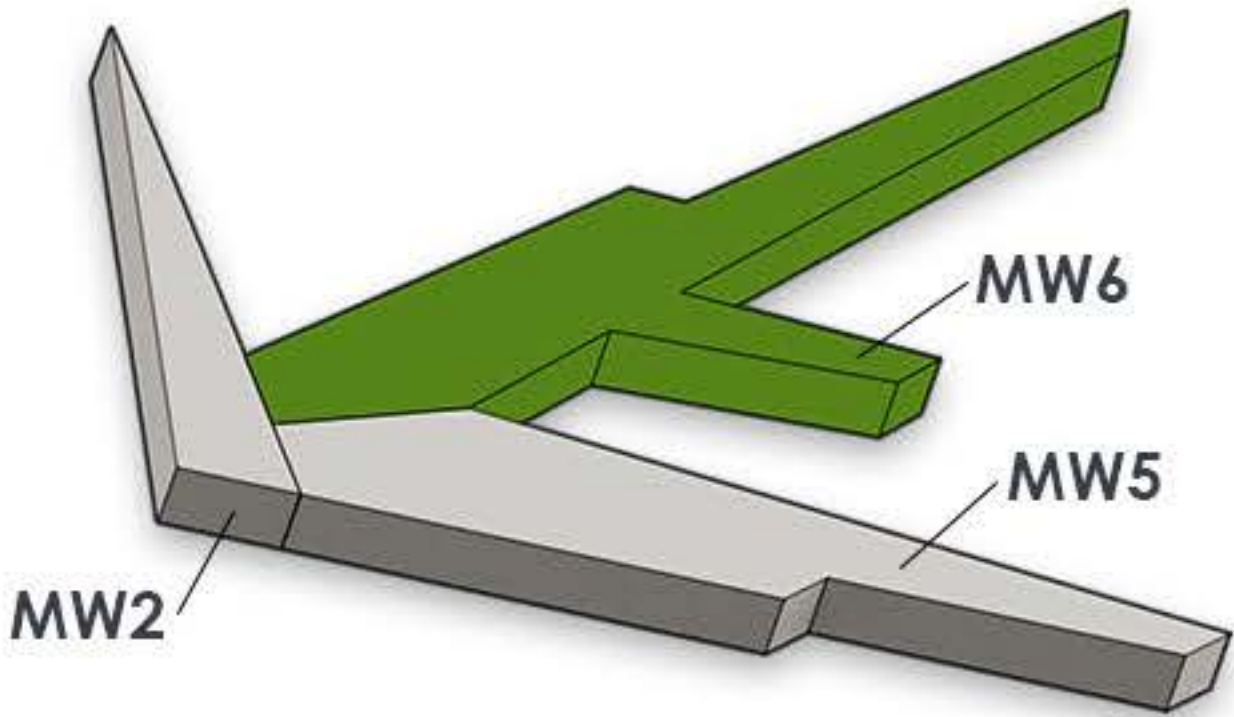
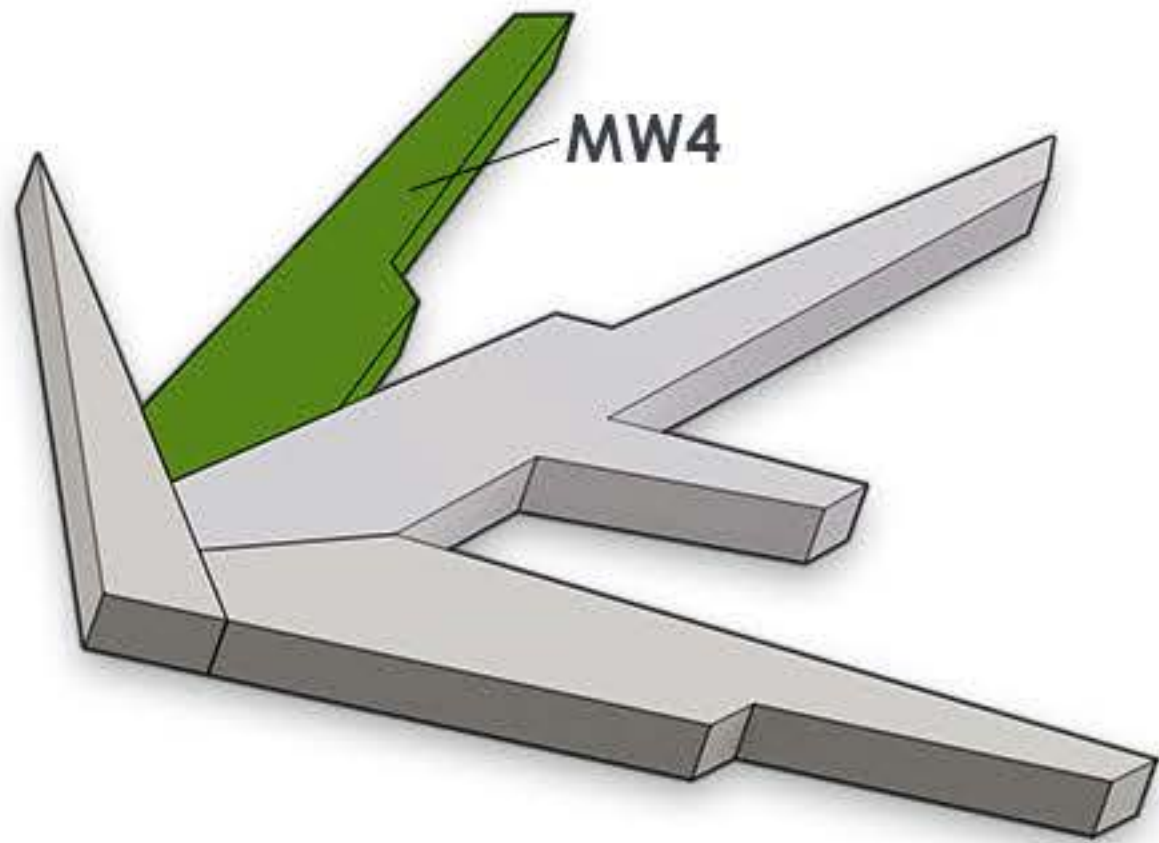
Be accurate when gluing flaps to the edges. Both corners of a flap must precisely match both ends of the corresponding edge.

Less is more and this also applies to amount of glue you should use. Apply a few drops of glue on the flap, spread it evenly and remove any excess glue with a toothpick or scrap paper. You can put a small amount of glue in a bowl and use a small paintbrush for application.

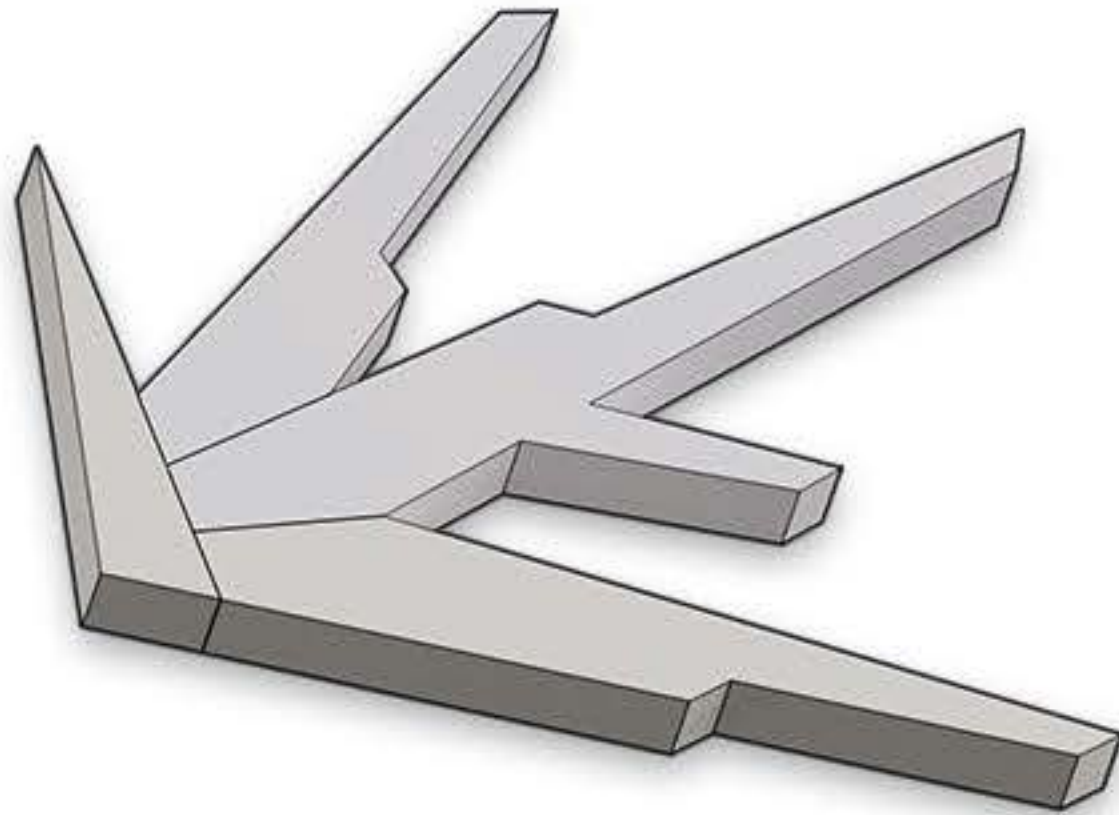
For hard-to-reach flaps, use a paintbrush to apply glue.

VISUAL ASSEMBLY GUIDE

Assembly step number. 01.  Begin assembly of the MW1. Glue template part MW1 #1 to MW1 #2.	02.  Attach the bottom template part MW1 #3. Part MW1 is now assembled.	03.  Begin assembly of the MW2. Glue template part MW2 #1 to MW2 #2.
04.  Attach the bottom template part MW2 #3. Part MW2 is now assembled.	05.  Begin assembly of the MW3. Glue template part MW3 #1 to MW3 #2.	06.  Attach the bottom template part MW3 #3. Part MW3 is now assembled.
07.  Begin assembly of the MW4. Glue template part MW4 #1 to MW4 #2.	08.  Attach the bottom template part MW4 #3. Part MW4 is now assembled.	09.  Begin assembly of the MW5. Glue template part MW5 #1 to MW5 #2.

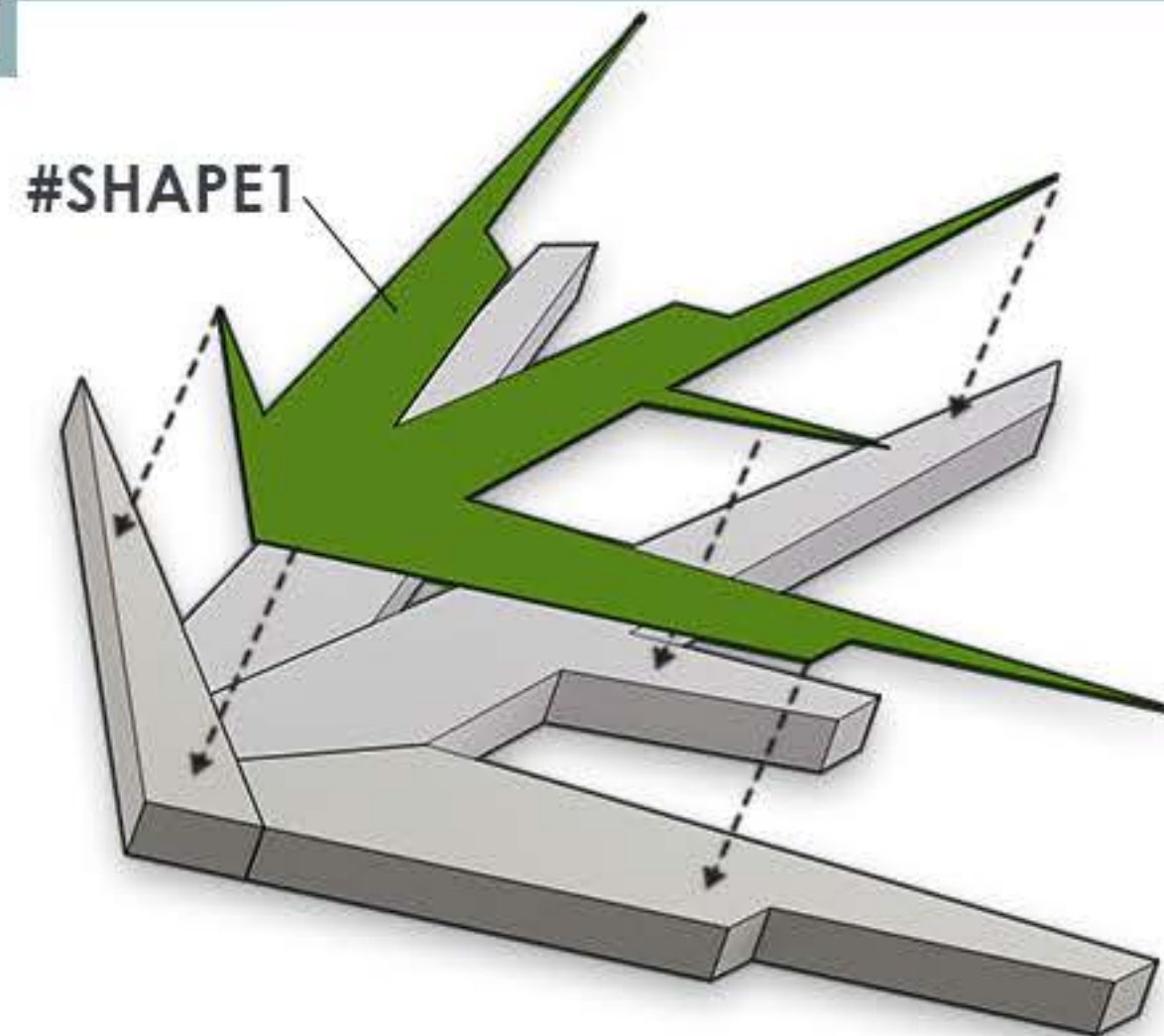
10.  MW5 #3 Attach the bottom template part MW5 #3. Part MW5 is now assembled.	11.  MW6 #1 MW6 #2 MW6 #3 Begin assembly of the MW6. Glue template part MW6 #1 to MW6 #2 and MW6 #3.	12.  MW6 #4 Attach the bottom template part MW6 #4. Part MW6 is now assembled.
13.  MW1 MW2 MW3 MW4 MW5 MW6 All individual parts are now assembled! Glue them together to create your desired MECHA WING shape!	14.  MW2 MW5 MECHA WING - SHAPE1 base assembly: Glue part MW2 to part MW5.	
15.  MW2 MW5 MW6 Glue part MW6 to previously assembled parts MW2 and MW5.	16.  MW4 Glue part MW4 to previously assembled parts.	

17.



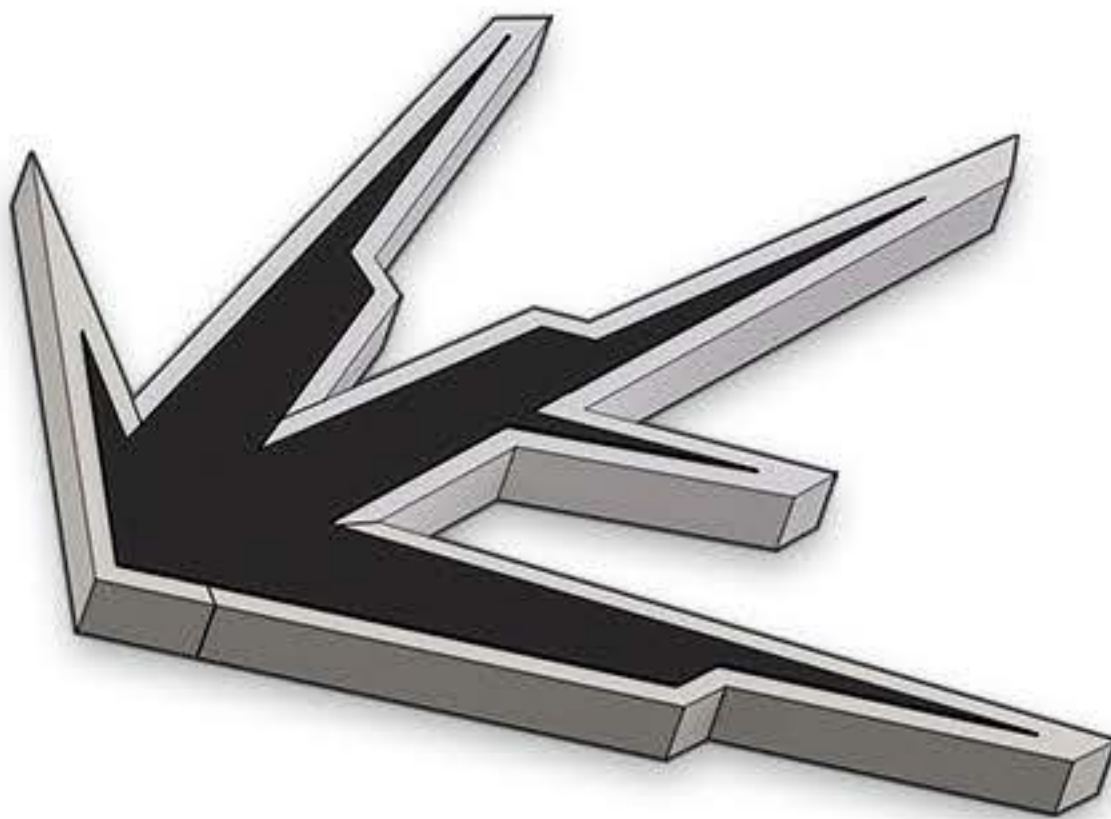
Your **MECHA WING** base in **SHAPE1** is now assembled.

18.



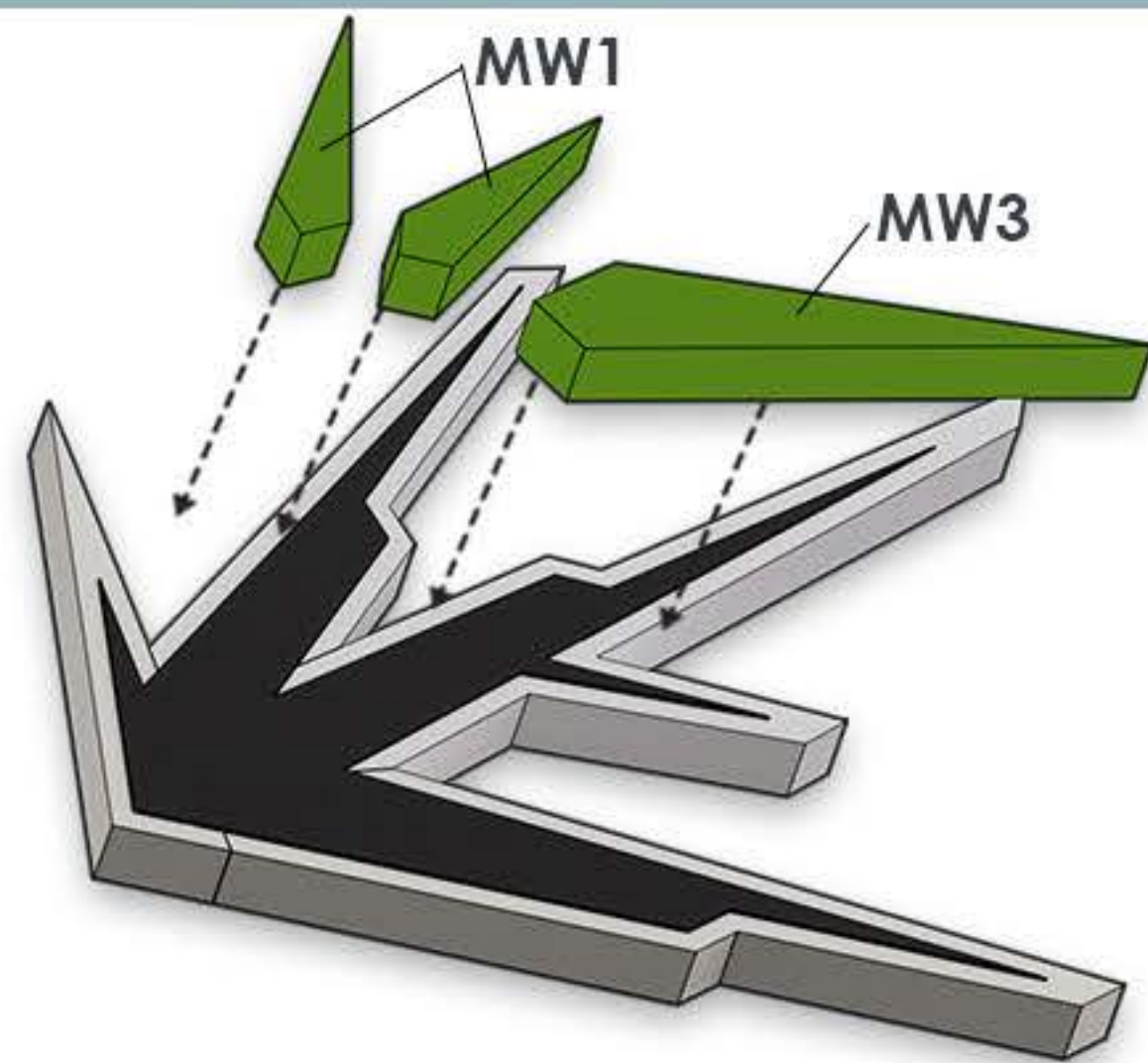
Glue **#SHAPE1** inlay template part to the previously assembled **SHAPE1** base.

19.



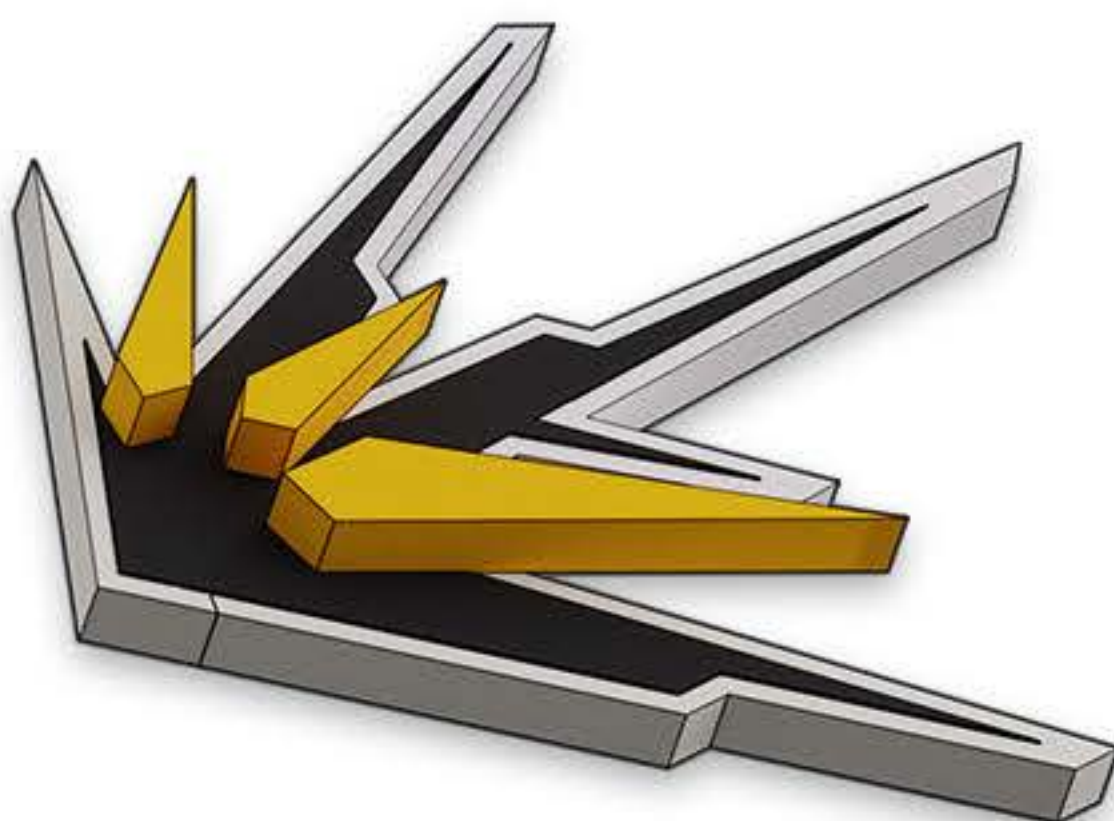
MECHA WING base with **#SHAPE1** inlay is assembled.

20.



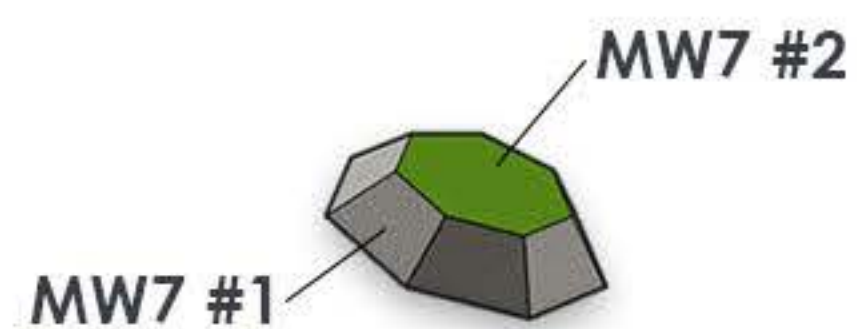
Glue the **MW1**, **MW2**, and **MW3** crystal parts to the assembled wing wherever you like best visually.

21.



The **MW1** and **MW3** crystal parts are glued to the assembled **MECHA WING**.

22.



Begin assembly of **MW7**. This part is located on multiple template pages. Choose the color that fits your design. Glue template part **MW7 #1** to **MW7 #2**.

06. FINISH



Unleash your creativity and personalize your assembled 3D papercraft model! Whether you prefer to keep its natural look or add your artistic touch, the possibilities are endless. Achieve stunning finishes using a brush and acrylic paints, colorful sprays, or your favorite markers. Remember, creativity has no limits, just like your one-of-a-kind 3D papercraft creation!

Finishing tips & tricks:

Excess glue or glue fingerprints can be disguised with a coat of clear finishing spray. Apply a thin, even layer of transparent, water-based lacquer to your entire papercraft model. This will not only hide minor flaws but also enhance the look by giving it a clean, glossy finish and increased durability.



ENJOY

We believe you've had a lot of fun on the journey of assembling your **lowPolysm MECHA WINGS** 3D papercraft headset attachment. Now it's time to enjoy the fruits of your paper crafting and creativity. Strike a selfie pose and share the joy of crafting with the rest of the world.

We'd love to see your finished papercraft with any creative touches you added. Share them with us on social media using the hashtag **#lowPolysm** and follow us on:



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