Origami Workshop

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Introduction

Origami (折り紙) is the traditional Japanese art of paper folding. With origami, you can create various 2D/3D models only from paper without the need for scissors or glue. Typesetting and printing books, reports, and so on (with TEX, maybe) is obviously one of the most important human activities with paper; origami is another magical use of paper.

In this small workshop, we will make Samurai Helmet (兜; Kabuto), an easy and fun model, and Orizuru (折り鶴; paper crane), the most popular origami design. I hope you will enjoy trying origami!

Tricks to make beautiful models
- Try to make sharp foldings
- Put the corners on top of each other with accuracy
- *No need to hurry*

How to make Samurai Helmet
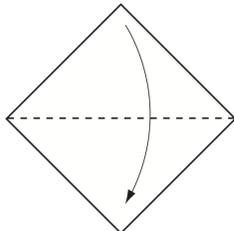
1. Start with paper white side up. Fold in half downwards.
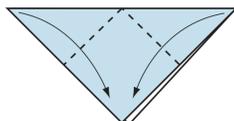
2. Fold outer corners in to the centre.
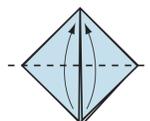
3. Fold top layer only upwards in half.
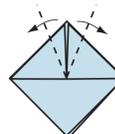
4. Fold top layers outwards along creases shown.
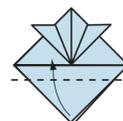
5. Fold top layer only upwards along the crease shown.

diagram is enlarged
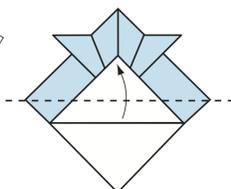
6. Fold same top layer upwards again.
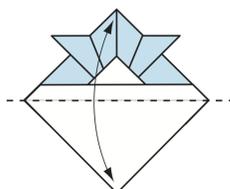
7. Fold the bottom layer upwards to crease, and open again.
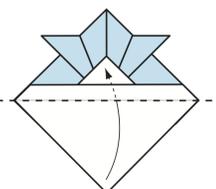
8. Tuck this layer into the inside of hat.
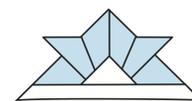
Finished Samurai Hat.

References

[1] Origami-fan, `http://www.origami-fun.com/`.

[2] Wikimedia Commons, ''Tsuru wiki.svg'', `https://commons.wikimedia.org/wiki/File:Tsuru_wiki.svg`.

Orizuru

Traditional Japanese Model
Diagram by Andrew Hudson

Public Diagram Project

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