



# Froggy the frog is looking for a friend

(or when geometry meets learning styles).

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*Summer. It's 23.37, getting late. 34°C outside; feels like 45°C inside. A good time to wonder how to explain how to make an origami frog... isn't it?*

*And that's the point: how? As you know, Coyote likes asking questions... and perhaps, sometimes, manages to provide you - dear readers - with some answers.*

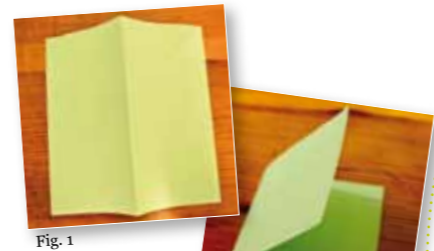


Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

## LET'S GIVE IT A TRY!

- ④ Take a square paper and fold it into two (Fig. 1). You now have a rectangle, which you will fold again into two, to obtain a little square. (Fig. 2) The objective is to mark the paper while folding it.
- ⑤ Open it again. Take the bottom right corner and lift it up to the middle of the rectangle, to obtain a triangle on the right side of the paper. Repeat the process with the left side. You have now a triangle! (Fig. 3)
- ⑥ Open the triangle again, turn the page upside-down and repeat the same process with the two angles you haven't used yet. Then open it again.
- ⑦ At this stage, your paper should look like it is full of crosses, as in Fig. 4

## COMPLICATED? IPARA NADA!

- ⑧ Turn your paper over. Fold the right part to the middle (Fig. 5) You should now have a little rectangle of paper folded over the big one.
- ⑨ Repeat the same process with the left part of the big rectangle. You now have a square again!
- ⑩ Turn the paper over again. You have a sort of little square bridge. Gently push down the two little rectangles you folded a minute ago.
- ⑪ To get the expected result, you need to push them with one finger each, right in the middle of each folding.

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YEAH, WE KNOW... NOW IT IS GETTING A BIT COMPLICATED... BUT HEY, YOU'RE GETTING THERE!

- ◆ In principle, you should now have four little triangles clearly marked, thanks to the folding. Try to do as if you would like to gather their vertices towards one another (Fig. 6)
- ☞ They will automatically tend to go towards the middle of the rectangle. If this happens, don't worry!! This means that YOU ARE DOING IT WELL!
- ◆ Follow the natural movement of the paper and you will now have two new triangles forming... a square again! Of course! (Fig.7) Flatten it as much as possible. You should now have a square with four flaps.
- ☞ Take one of the flaps, and fold it to the inner edge. Repeat this with the three other flaps. (Fig.8)
- ☞ Take the top corners of the little flaps you just made (you, YOU DID IT!) and fold them towards the external edge of the latter. Repeat the process with the three other flaps.

YOUR FROG NOW HAS LEGS! (Fig. 9)

- ☞ Turn the shape over, in order to have the legs facing down.
- ◆ If you place the shape in order to have the edges of the legs forming an imaginary horizontal line, take the two corners in the middle of the shape (left and right ones) and bring each of them to the middle line (Fig. 10)

NOW YOU SHOULD ALREADY SEE THE SHAPE OF THE FROG! (Fig.11)

- ☞ Take the back of your frog and fold it towards the middle. It should form a little triangle and you should be somehow blocked because of the two little back legs. If so: good! (Fig.12)
- ☞ You will have two little 'pockets' on each side of this little triangle: place the corners on the back, to keep them in place. (Fig. 13)

And there you are! Froggy is ready to meet his/her/hir friend!



Fig. 11



Fig. 12



Fig. 13

### Was it difficult? If yes, why?

Did you read the description or just try to follow the photos? Would it be easier if we had just told you to get a piece of green paper and make a frog? If you hadn't seen it? If you had seen it 'for real'? If you could touch it, unfold it and discover all the mysteries of the origami frog?

Were you alone when doing it? Did someone help you?

'Learning styles' are terms we use a lot in training...

But are we really aware of what they mean, even with a little exercise like this?

Now, do you have any idea how long it took to figure out how to explain to you how to make this? Hours... In Strasbourg AND in Cologne!!

Time to rest... and let Froggy the frog discover a brand new world!

