

# KOI POND

*Creative Paradise Inc.*

## Materials:

- [LF146 Koi Fish](#)
- [GM132 XL Sushi Slump](#)
- COE96 Glass (See Below)
- Suitable Glass Separator/ZYP
- Frit Placement Tools
- Glass Cutting Supplies

## Suggested Glass:

- F1 Powder Frit:
  - Black
- F2 Fine Frits:
  - Black
  - Red Opal
  - Marigold Opal
  - Yellow Opal
  - Medium Amber Trans.
  - White
- F3 Medium Frit:
  - Clear
- Confetti Pieces:
  - White Opal
  - Forest Green
  - Yellow Green
- Sheet Glass:
  - Ming Green Transparent
  - Fern Green Opal and White Streaky\*



**\*Please Note:** The example made in this tutorial used Uroboros "Uncat" Off-White with Green Streaky. As Uroboros "Uncat" glass is limited run and never the same twice, the listed color is a suggested replacement.

Prepare the molds thoroughly with suitable glass separator before beginning. We recommend spray-on ZYP. **Always wear a mask when applying spray-on separator or using powder frits.**

## MAKING THE KOI:

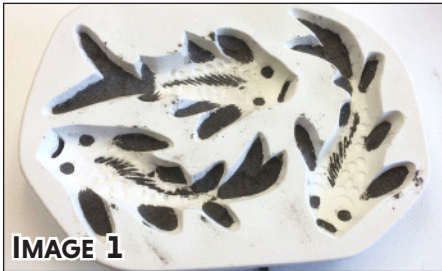


IMAGE 1

Once the separator is dry, begin by adding F1 Black to the lowest parts of each koi, including the fins, eyes, and mouths. Gently sweep any stray frit back into place but take care not to disturb the separator as you do.

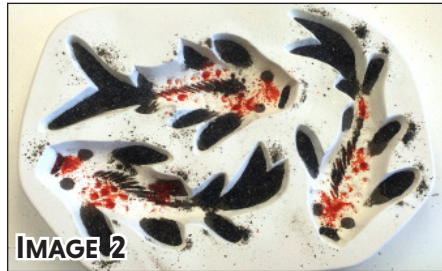


IMAGE 2

Add F2 Black over the F1 Black in the side and tail fins until each fin is about 1/8" full of frit. Scatter a bit of F2 Red Opal here and there in the bodies of each koi as well.

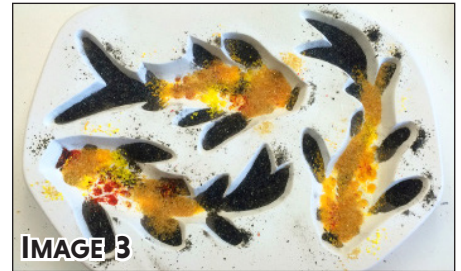


IMAGE 3

Scatter F2 Marigold and F2 Yellow Opal similarly to the Red Opal in the previous step. Place additional patches of F2 Medium Amber over the dorsal fins and bodies of each koi.



IMAGE 4

Fill the bodies with F2 White until each is roughly 1/8" full of frit.



IMAGE 5

Back everything with F3 Clear until full. If using fill weights this is about 33 grams per koi. Transfer the filled mold to a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.

**Table 1: Full Fuse\***

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	20
3	300	1465	05
4	9999	950**	60

\*\*If using COE90, adjust this to 900°F

\*Before firing, it's important to know your kiln. For tips on how to do that, [please click here to see our Important Firing Notes!](#)

## MAKING THE DISH:



IMAGE 6

Once cooled, remove the fish from the mold and remove any residual separator with running water and a stiff-bristled (but not wire) brush.



IMAGE 7

Following the additional instructions on **Page 3**, cut the shape in **Pattern 1** from Ming Green sheet glass and the shape in **Pattern 2** from the Fern Green/White Streaky. Clean each piece well and center the Ming Green oval atop the larger Streaky oval.

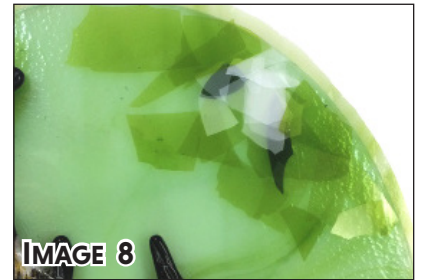


IMAGE 8

Arrange the koi on the Ming Green as desired. Use pieces of Yellow Green Confetti glass to create areas of pond flora and accent them with smaller pieces of Forest Green and White Opal Confetti.



IMAGE 9

Transfer the project to a suitably sized sheet of Kiln Shelf Paper on a level shelf in the kiln and fire using the suggested schedule in **Table 2** or your own preferred Tack Fire.



IMAGE 10

Once the glass has cooled, center it on top of the primed GM132 XL Sushi Slump on a level shelf in the kiln and fire using the suggested schedule in **Table 3** or your own favorite gentle Slump.

Seg.	Rate	Temp (°F)	Hold
1	275	750	15
2	250	1215	60
3	50	1250	30
4	275	1405	05
5	9999	950**	90
6	100	600	05

\*\*If using COE90, adjust this to 900°F

Seg.	Rate	Temp (°F)	Hold
1	200	600	10
2	250	1220	30
5	9999	950**	90
6	100	600	05

\*\*If using COE90, adjust this to 900°F



The final, fully fused pond! If you need inspiration try looking at pictures of real koi. They come in a wide variety of colors and patterns, and there are sure to be at least a couple that pique your interest!

\*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on how to do that, [please click here to see our Important Firing Notes!](#)

# PATTERNS:

## ADDITIONAL INSTRUCTIONS:

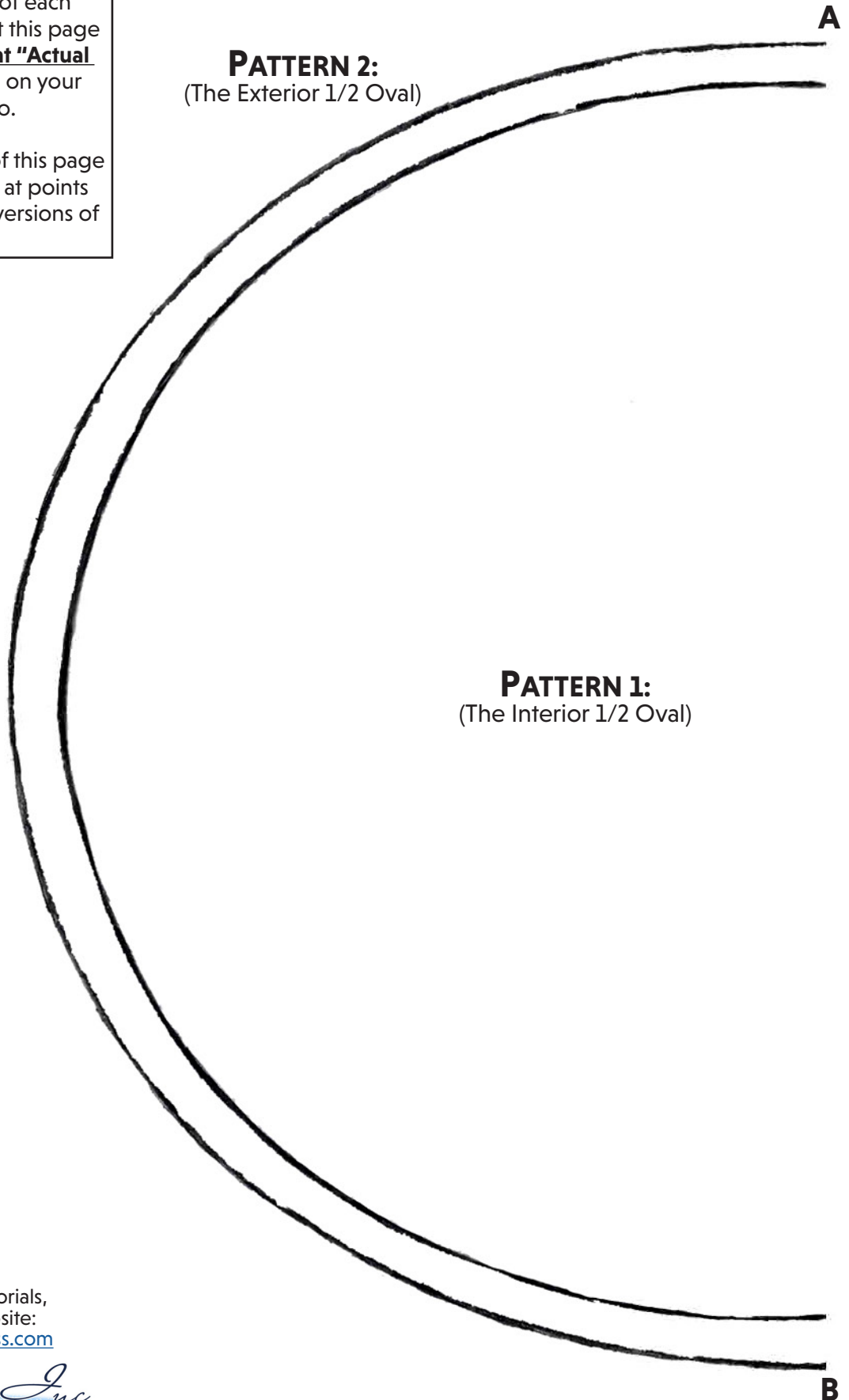
For the complete version of each Pattern you will need to print this page TWICE. **Make sure to print at "Actual Size" or 100%** (depending on your printer) when you do.

When you have two copies of this page printed, join them together at points "A" and "B" to make the full versions of each Pattern.

**Make sure to  
print at  
"Actual Size"  
or 100%**

**PATTERN 2:**  
(The Exterior 1/2 Oval)

**PATTERN 1:**  
(The Interior 1/2 Oval)



**PAGE 3**

For more information, tutorials,  
and molds, visit our website:  
[www.creativeparadiseglass.com](http://www.creativeparadiseglass.com)

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