Oh How Tweet!

Creative Paradise Inc.

Example 1 - GM01

Materials:
- LF80 Birds/Twig
- GM01 Square Slump
- GM05 Rectangle Slump
- COE96 Glass (See Below)
- Suitable Glass Separator/ZYP
- Frit Placement Tools
- Thin Fire Paper
- Glass Cutting Supplies

Example 2 - GM05

Suggested Glass:

- F1 Powder Frits:
  - Black
  - Orange Opal
  - Cobalt Trans.
  - Mauve Opal
  - Medium Blue Opal
  - Chestnut Opal
  - Medium Amber Trans.
- F2 Fine Frits: (All Opal)
  - Alpine Blue
  - Turquoise Blue
  - Khaki
  - Terra Cotta
- Sheet Glass:
  - Riviera Blue
  - Black Frit/Streamers on White*
  - Clear with Green/Blue/ Purple Fractured Streamers*

***NOTE:** These sheet glasses have been discontinued since the creation of this tutorial and may now be difficult to find. Other COE96 sheet glass can be used following all the same methods.

Create this complimentary pair of avian dishes with fusible glass and Creative Paradise molds!

Treat the molds well with suitable separator before beginning. We recommend spray-on ZYP.

Wear a mask when applying spray-on separator or using powder frits.

Image 1

After the separator has dried, begin filling the LF80 by placing F1 Black into the birds' eyes and deepest detail areas of the twig.

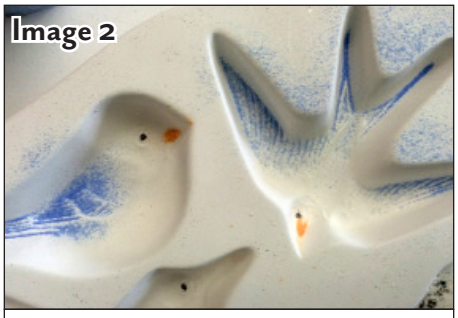


Image 2

Add F1 Orange Opal to the birds' beaks and place F1 Cobalt around the edges of the tails and wings of the top sitting and flying birds.

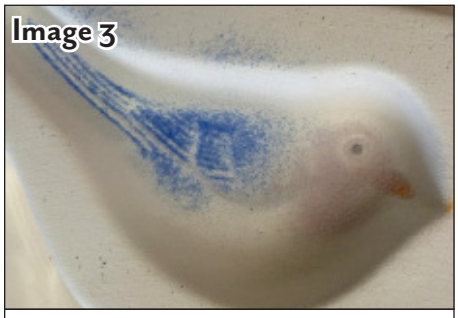


Image 3

Place F1 Mauve Opal around the head and throat area of the top sitting bird.

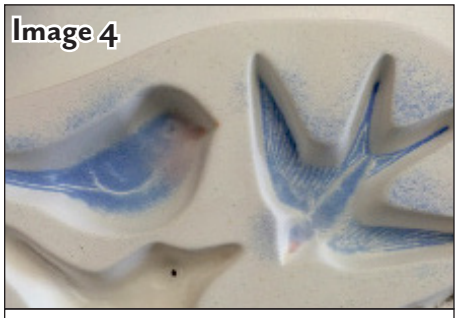


Image 4

Add F1 Medium Blue Opal to the top sitting and flying birds. Leave the belly of the sitting bird and most of the raised details of each bird exposed.

Image 5

Fill the top sitting bird with F2 Alpine Blue Opal until roughly 1/4" full. If using fill weights, this is about 16 grams of frit.

Image 6

Fill the flying bird with F2 Turquoise Blue Opal until roughly 1/4" full. If using fill weights, this is around 22 grams of frit.

Add F1 Black to the eye, chest, and tail and wing tips of the bottom bird. Place F1 Chestnut along the head and back and add F1 Orange Opal to the beak. Use a small brush to clear a thin line by the eye.

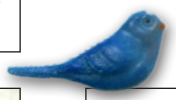
Place a thin layer of F1 Medium Amber over the entire sitting wren. Use a small brush to preserve the line next to the eye and add a line above the belly.

Add F2 Khaki Opal into the head and belly areas.

Fill the wren with F2 Terra Cotta until roughly 1/4" full. If using fill weights, this is approximately 17 grams.

Add a thin layer of F1 Medium Amber along the low areas of the twig. Leave the higher texture lines uncovered.

Place a bit of F2 Khaki in the tips of the twig, and back the main branch area with a layer of F2 Terra Cotta.



Fill the branch with F2 Chestnut until roughly 1/4" full. If using fill weights, this is about 43 grams of frit. Transfer the filled mold to a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred cooler Tack Fire.

Allow the mold to cool naturally after firing, and de-mold by inverting onto a soft surface. Wash any residual separator off with warm water.

For the square dish for GM01, cut a 3.75" square of Black Frit/Streamers on White glass so that a streamer runs along the center of the glass. Cut a 4" square of Riviera Blue and center the Black Frit/Streamers square onto the Riviera Blue with the vivid side facing down. Place the bird along the faded Black streamer in the center of the square.

Table 1: Tack Fire Frit Castings*

Seg.	Rate	Temp (°F)	Hold
1	300	1215	30
2	350	1380	05
3	9999	950**	60

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

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

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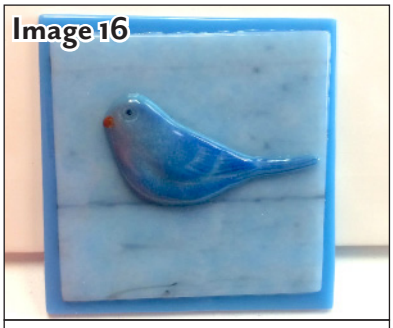
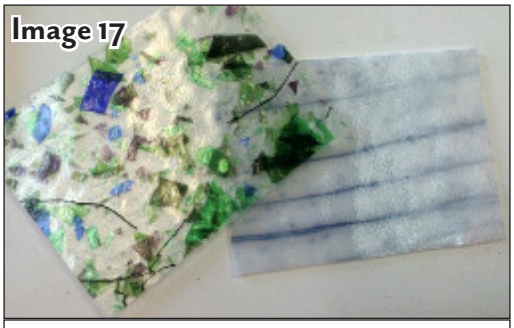
Image 16



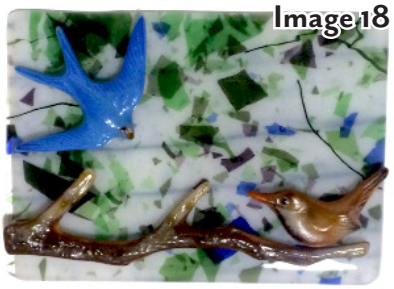
Transfer the glass onto a suitably sized sheet of Thin Fire Paper on a level shelf in the kiln and fire using the suggested schedule in **Table 2** or your own preferred Tack Fire. It is also possible to pre-fuse the sheet glass together and tack fire the bird in place later, as shown in the "**Fuse Together**" box below.

Image 17



For the GM05 tray, cut a 5" x 7" rectangle of Black Frit/Streamers on White and a 5" x 7" rectangle of Clear with Streamers. Clean both well and place the vivid side of the Black Frit/Streamers down onto a suitably sized sheet of Thin Fire Paper on a level shelf in the kiln. Place the textured side of the Clear Streamer glass facing down on top of the Black Frit/Streamers glass and fire using the suggested schedule in **Table 3** or your own preferred Full Fuse.

Image 18



After the glass has cooled, arrange the branch, flying bird, and wren on the rectangle as desired and fire using the suggested schedule in **Table 2** or your own preferred Tack Fire.

Image 19

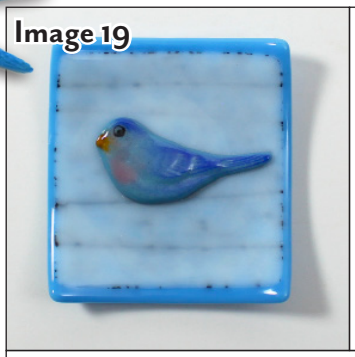


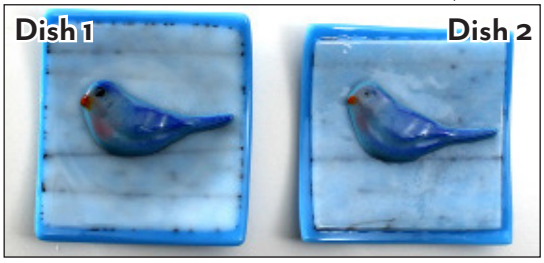
Image 20

Center the square on a primed GM01. Center the rectangle on a primed GM05. Place both on a level shelf in the kiln and fire using the suggested schedule in **Table 4** or your own favorite Slump.

Fuse Together or Fuse Separate?

Dish 1

Dish 2



Dish 1 was created by Full Fusing the base sheet glass together before Tack Firing the bird on. **Dish 2** Tack Fired the base glass and bird together in a single firing.

Fusing separately creates a smoother dish while fusing together preserves the definition between the sheet glass pieces. Choose according to your own artistic preference!

Table 2: Tack Fire Castings to Glass*

Seg.	Rate	Temp (°F)	Hold
1	200	500	20
2	200	1215	30
3	50	1250	20
4	350	1410	05
5	9999	950**	90
6	100	500	05

Table 3: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	200	1215	45
2	50	1250	20
3	300	1465	05
4	9999	950**	90
5	100	500	05

Table 4: Slump*

Seg.	Rate	Temp (°F)	Hold
1	300	1260	20
2	9999	950**	90

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**If using COE90, adjust these temperatures to 900°F

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