



*Creative Paradise Inc.*



# Make your own warped grid mushroom cap

Make yourself a stunning mushroom cap with the Flat Top Mushroom Cap Mould.

The following instructions enable you to make a mushroom cap using the flat top mushroom cap mould (CPGM207).

## You will need to following to create this project:

- Creative Paradise, Inc. mould CPGM207
- COE96 dark grey or brown glass 6.25" (158mm)diameter
- COE96 bright constrasting glass 5.25" (133mm)diameter
- COE96 clear glass 4.5" (114mm)diameter
- Papyros paper
- ZYP



## Ensure your mould is well primed before use

By using a primer this will prevent the glass sticking to the mould and potentially damaging the mould and the glass, make sure you use a small brush for detailed areas and dry thoroughly.

Creative Paradise highly recommend using ZYP a Boron Nitride spray due to the high temperatures required, this easy to apply spray can fire up to 982°C. Several light coats with a short waiting period of around 15 minutes between coats is preferable to one heavy coat. Shake the can well before use and hold the can upright while using to assure proper distribution of product. You will need to apply one light coat each time you fire.

## The process



### 1 Cut the circle into 9 pieces

Using Diagram 1 overleaf cut the 5.25" dia circle into 9 pieces. Use a marker to number the pieces before breaking the circle apart. Using Diagram 2 overleaf, cut the 4.5" dia clear circle into 9 pieces, use a marker to number the pieces before breaking the circle apart.

### 2 Arrange your glass pieces

Arrange the pieces from the 4.5" dia circle on the pieces from the 5.25" dia circle with the same number centering the clear piece. Clean the marker from both pieces and use a drop of liquid hair spray to secure the clear piece in place.

Arrange the stacked pieces in order on the 6.25" dia base in order with equal space around each piece on the base. Place a drop of liquid hair spray under each piece to secure the pieces in place.

### 3 Fire at a full fuse

Place the project on kiln shelf paper in the kiln and fire at a full fuse.

### 4 Slump the glass over the mould

After the glass is fused, apply ZYP to the GM207 Flat Top Mushroom Cap Mould and center the glass on the mould in kiln. Drape the glass in the kiln.

### 5 Stem the mushroom cap

Use a two part epoxy to adhere a size 14-4 copper butt splice or other hardware to the center underside of the mushroom cap. Cut a 18" piece of 1/4" copper coil and place the tube in the butt splice as a stem when the epoxy sets up.

## Mushroom cap firing schedule - drape

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	138°C/hr	to 648°C	0:30
2.	27°C/hr	to 676°C	0:20
3.	AFAP* OR 9999°C/hr	to 510°C	1:30

\*AFAP = as fast as possible, some controllers will not allow a rate of 9999°C /hr

\*\* Will vary depending on desired result and kiln

Note:

This data is a guide only, firing programs may need to be adjusted according to size and thickness of glass and the kiln's performance. Ensure that data is entered into the controller accurately, otherwise glass may not fuse correctly or paint will not fire onto the glass as desired. Creative Glass Guild sells all glass, tools and materials on the basis that customers have the knowledge and ability to use them safely and in accordance with all relevant regulations and legislation.

## The templates

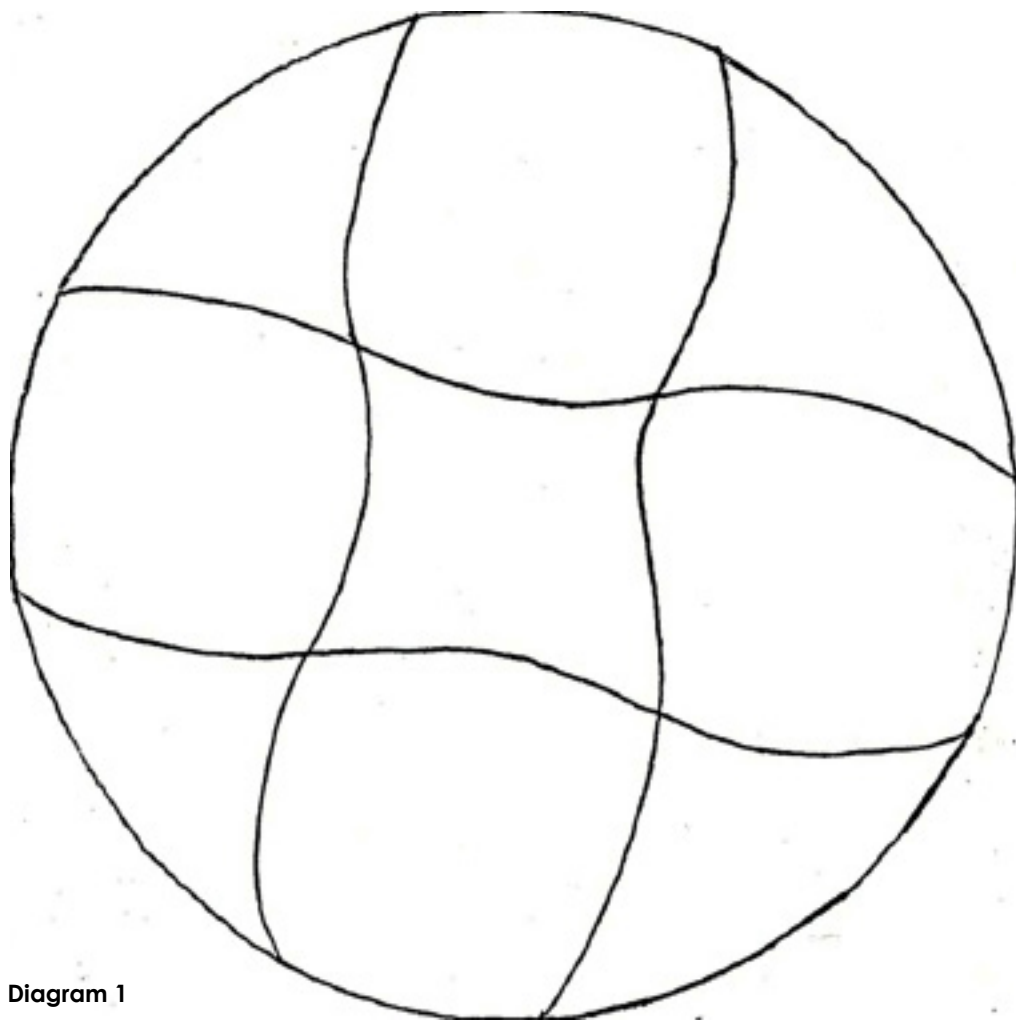


Diagram 1

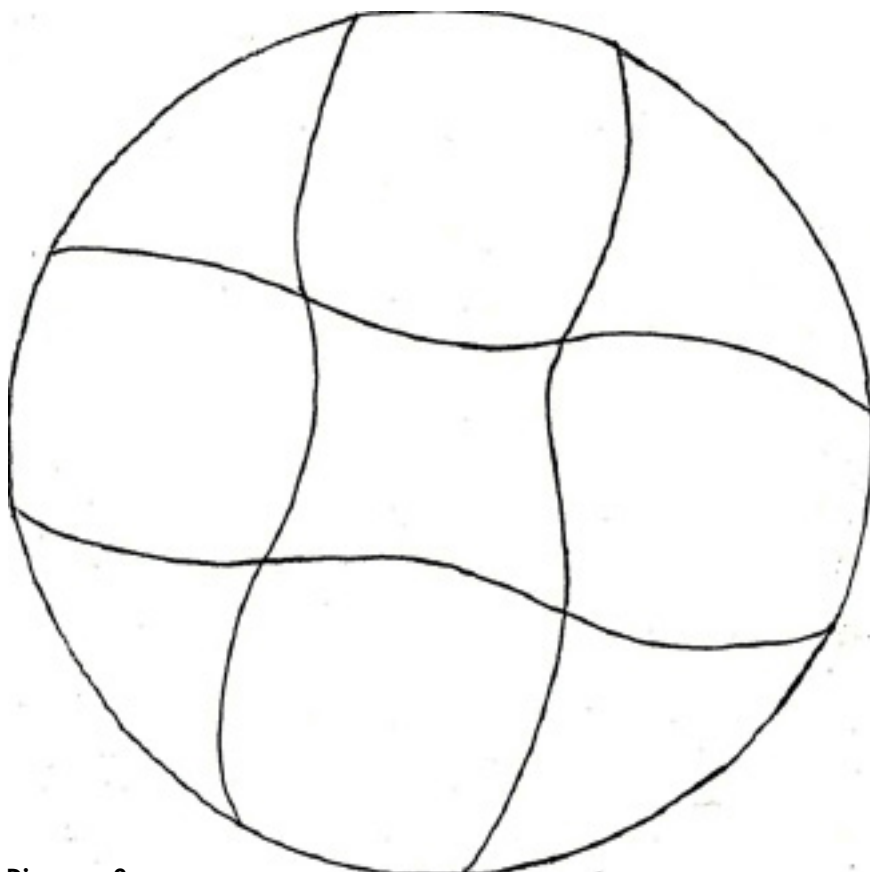


Diagram 2