

# Snowman Snow Globe

*Design by Karen Stephenson, Fabrication by Dave Burnett, Text by Maureen James*



Snowmen are some of the most popular decorative items for winter months, and this particular one fabricated by Dave Burnett has a few special features of its own.

The snowflakes and buttons have been slightly drilled using a diamond bit for glass. This prepares your glass to accept the paint and help it to adhere very well to the etched or engraved glass, making your painted work more permanent. Take care not to drill all the way through and use plenty of water to avoid breaking the glass.

Paint has also been applied to the nose, eyes, and mouth. The arms are made from wire overlay that has been soldered onto the design lines. Adding these special touches will bring your snowman to life.

## Spectrum Glass Company

- #337-2S, Light Blue/White for Sky, 1/2 Sq. Ft.
- #833-51S, White/Sky Blue for Snow, 1/3 Sq. Ft.
- #357-1S, Red/White for Stand and Hat, 1/2 Sq. Ft.
- #200-CC, White for Snowman and Stand, 1/2 Sq. Ft.
- #1009W, Black for Hat, 1/3 Sq. Ft.
- #387-2S, Gray/White for Shovel and Hat, 1/4 Sq. Ft.
- #818-72S, Rosy Brown/White for Shovel Handle, 1/4 Sq. Ft.

## Other Materials Required

- Flux Solder 7/32" Copper Foil
- 18-Gauge Copper Wire 1/8" Brass Tubing
- Black, White, and Orange Eastman Color Magic™ Paint
- Black Patina

Make two copies of the original pattern. Number the pattern pieces and mark the grain direction on the copies. Cut apart one copy with copper foil pattern shears and use the second copy as the layout for constructing the project.

### Step 1

Score the glass according to the paper pattern pieces. Hold the paper pattern in place with your hand. Score around the pattern piece and score relief cuts where necessary.

### Step 2

Run the score on the glass with running pliers. Use grozier pliers up to the score line to remove any excess glass.

### Step 3

Use a glass grinder to smooth any rough edges on the glass and to shape the piece for the layout pattern.

### Step 4

Dry the glass pieces before foiling. Then wrap each piece with 7/32" copper foil, overlapping about 1/8" where the ends meet.

### Step 5

Burnish the copper foil with a fid or lathkin. This helps to press and smooth the edges of the foil. Hold the foiled pieces in place with pushpins.

### Step 6

Apply flux to the copper foil lines. The flux etches the foil so that it will accept the solder. Run a smooth, finished bead of solder on all of the copper foil lines on the front and back of the project.

### Step 7

Cut copper wire for the arms and hands. Then tin the wire and solder it to the design lines. Solder copper wire around the outer edge and run a smooth bead for reinforcement.

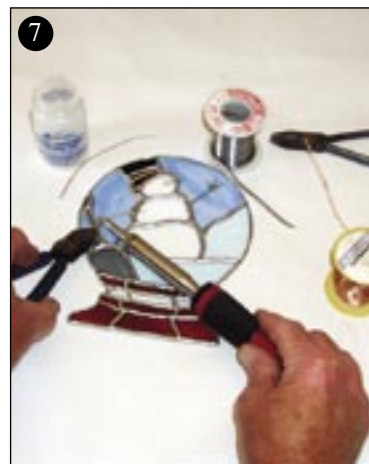
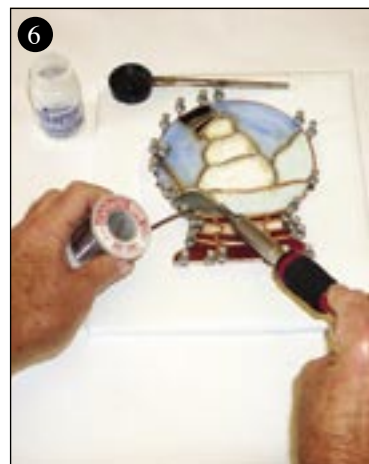
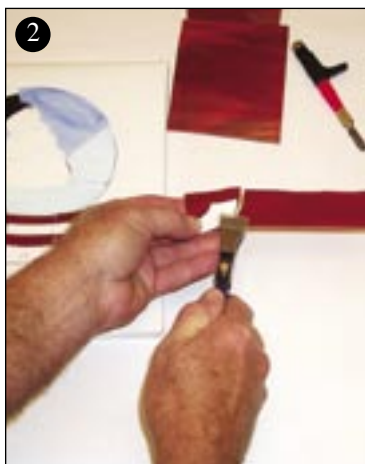
Use a small piece of copper foil to form the nose and tack-solder it to the design lines. Bend a 1/8" brass rod to form a "U" shape. Solder it to the back to form a stand for the snowman. You could make a suncatcher by making two hooks for hanging the snowman and attaching them to the design lines instead of making the stand.

### Step 8

Thoroughly clean the project with flux remover and warm soapy water. Apply black patina to darken the solder lines. Then clean the project again.

Use black paint for the eyes, mouth, and buttons; orange paint for the nose; and white paint dots for the snow.

GPO



GLASS PATTERNS  
— Q U A R T E R L Y —

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S - Light Blue/White for Sky, 1/2 Sq. Ft.  
 B - White/Sky Blue for Snow, 1/3 Sq. Ft.  
 R - Red/White for Stand and Hat, 1/2 Sq. Ft.  
 W - White for Snowman and Stand, 1/2 Sq. Ft.  
 G - Gray/White for Shovel and Hat, 1/4 Sq. Ft.  
 C - Rosy Brown/White for Shovel Handle, 1/4 Sq. Ft.  
 H - Black for Hat, 1/3 Sq. Ft.