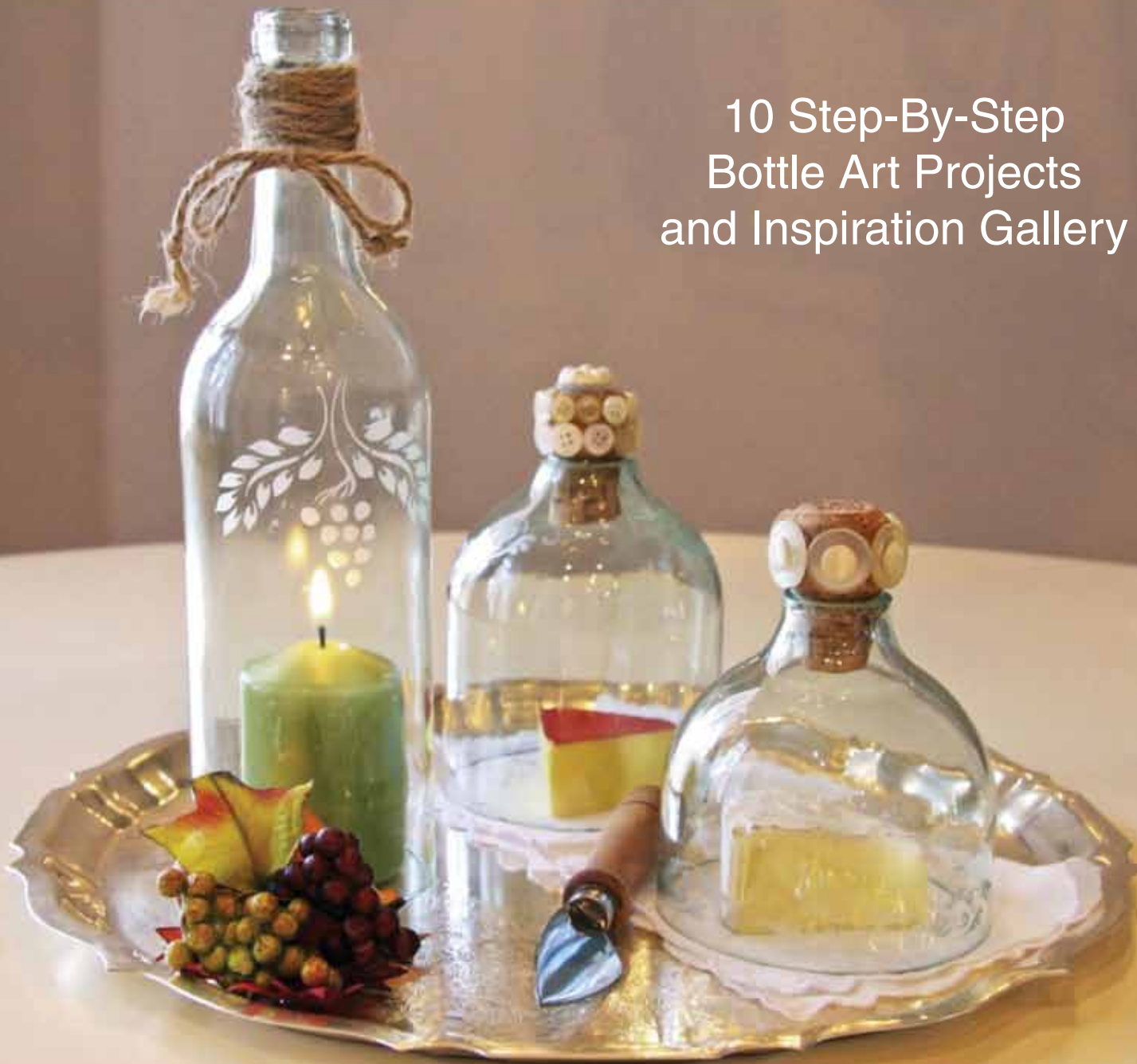


# Bottle Art

# eBook

10 Step-By-Step  
Bottle Art Projects  
and Inspiration Gallery



# Bottle Art eBook

## Table of Contents

Beaded Votives .....	3
Bottoms Up!.....	5
Tuscan Lights Candlesticks .....	7
“Cheese Please” Glass Domes & Candle Shelter .....	9
Harvest Votives .....	11
Koi Luminary.....	13
Glass Bottle Necklace .....	15
Rainbow Pendant Light.....	17
Polka Dotted Vase .....	18
Rings of Sound Wind Chimes.....	20
Bottle Art Inspiration .....	21

Please note that items numbers listed in these project guides are suggested items that can be purchased at [www.DelphiGlass.com](http://www.DelphiGlass.com). The items may not always be identical to those used in these project examples and are subject to change.



## Beaded Votives

**Designed by:** Rita Schwab

**Skill Level:** (Adult 1-5: 1 being the easiest,  
5 being most difficult) 4

**Time to Complete:** 4 hours

### Project Tip:

- Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.

### Materials:

- 3 - 7oz bottles (I used Little Kings Beer Bottles)
- Studio Pro ¼" Copper Foil (#425680)
- Silver plated wire (#63242)
- 6 silver head pins (#5656)
- Assorted beads
- Craft Stick or Fid (#2404)
- Flux brush (#5141PK)
- Flux (#5510)
- 60/40 Solder (#3000)

### TOOLS:

- Generation Green (g2) Bottle Cutter (#425365)
- Soldering iron (#42579)
- Soldering iron stand (optional) (#5013)
- Needle-nose pliers (#630525)

### BASIC SUPPLIES:

- Ruler, Sharpie or marker, newspapers or craft paper.
- Vinegar/water solution, soft cloth

### Instructions:

#### BEFORE YOU BEGIN

Read and carefully follow the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Measure 3" up from the bottom of the bottle and mark using a Sharpie™ (Fig. 1).
3. Using the bottle cutter, score and break where indicated.
4. Smooth the rough edges as instructed in the bottle cutter manual.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

## Beaded Votives

5. Clean the cut edges of the bottle thoroughly with a vinegar/water solution and clean cloth. Foil will not stick properly if your glass is dirty or oily.
6. Start with ¼" (1.5ml thick) copper foil; peel back 3"- 4" of backing from the foil. Place the foil ⅛" from the edge of the rim. Wrap the entire perimeter with foil and overlap the ends ¼" (Fig. 1). Snip the foil at the curves to allow the foil to lie flat against the glass (Fig. 2)
7. Use a fid (if you don't have a fid, a pencil or craft stick can be substituted) and burnish (rub) the surface of the foil to the edge of the glass. Press firmly, but not hard as too much pressure may cause the foil to tear (Fig. 3).
8. Once burnished into place, peel back another 3"- 4" of backing from the foil. Place it along the perimeter of the glass, at the edge of the rim. Wrap the entire perimeter of the glass with foil and overlap the ends ¼" (Fig. 4). Continue this process for all three glass votives.
9. "Tin" the copper foil with solder. To do so, apply flux using a flux brush to the copper foil. Turn on your soldering iron and allow to heat. When soldering an object that is round, place it on its side on an old hand towel so that the towel is away from the area being soldered but will keep the object from rolling.
10. Melt a small amount of solder – just enough to lightly cover the surface area of the foil. Remember, you are only applying a thin layer of solder to the foil.
11. Continue this process on all votives. Set aside to cool
12. While cooling, string beads onto the head pins (Fig. 5). Use needle-nose pliers to create an eye loop at the top. Nip off any extra wire (Fig. 6).
13. To make the silver decoration, hold pliers at the end of the wire and bend into a spiral. Do the same on the opposite end of the wire, bending the spiral in the opposite direction (Fig. 7). Slip a beaded head pin onto each end.
14. Place the silver spiral on the glass and melt a tiny drop of solder onto the side or end of the coil where it touches the soldering edges of the glass. You may need just a dab of flux. Repeat with the remaining two spirals evenly spacing them around the edge of the glass. Clean thoroughly with soapy sponge and water.
15. Finally, insert a scented votive in each and enjoy the sweet glow.



Fig. 5



Fig. 6



Fig. 7

## Bottoms Up!

This project is based on a stained glass technique called Dalle De Verre, a technique invented in the mid-20th century consisting of setting large, thick pieces of cast glass into a frame of reinforced concrete or epoxy resin. Our rendition of this technique uses recycled glass bottles instead of cast glass. It is a modern version of an old world technique producing the illusion of thick glass beaming with color.

**Designed by:** Jeanne Baruth

**Skill Level:** (Adult 1-5: 1 being the easiest, 5 being most difficult) 3

**Time to Complete:** 4 to 5 hours without dry time

### **Project Tip:**

- Always, wear safety goggles when using glass-crafting tools.  
Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.
- Cover any extra grout with a wet paper towel.

### **Materials:**

- Generation Green (g2)<sup>TM</sup> Bottle Cutter (#425365)
- Picture frame with glass – We used a 13" x 17" with an opening of 10" x 13" for the project at right.
- Variety of glass bottles – different colors and sizes (enough bottoms to fill the opening of the frame).
- Acrylic paint – red
- Emery paper (#427060)
- Clear silicone
- Gray (#425583) or black grout (#425581) – 2 cups
- Gallon freezer bag
- Eye hooks – 4 heavy duty (#13056)
- Decorative Chain (chain length will vary depending on the window length) (#13056)

### **Tools Needed:**

- Glass cutter (#425664), Running pliers (#63987), Wheeled nippers (#63991), Tweezers (#451853)

### **Supplies Needed:**

- Glastac (#B8234)
- Candle for bending stringer
- Rubbing alcohol and paper towels
- Hair spray aerosol



## Bottoms Up!

### Instructions:

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Choose the frame for your project. Remove the glass from the frame and set aside. Paint the frame red, let dry.
3. To determine how many bottles you will need for this project, set the bottles inside the opening of the frame.
4. Once you have a count, measure from the bottom up and mark varying heights from 1" through 3" on each bottle using a Sharpie™.
5. Next, using the bottle cutter, score and separate where indicated.
6. Smooth the rough edges as instructed in the bottle cutter manual.
7. Clean the original glass used in the frame. Insert glass back into the frame and secure in place with small nails.
8. Place the cut bottles, bottoms up, randomly into the frame until you are pleased with the placement.
9. Lift each bottle and place a thin bead of clear silicone around the rim, return it to the location on the glass inside the frame. Press lightly to seat it to the glass. Once all bottles are secure, allow to dry according to the manufacturer's recommendation.
10. Mask off the interior of the frame using painters tape. This will prevent the grout from getting on the frame.
11. Measure 2 cups of grout into a bowl. Reserve a few tablespoons of grout and set aside. Following the manufacturer's instructions add water. If grout is too dry keep adding water, 1 tablespoon at a time. Mix grout with craft stick or plastic spoon until the grout reaches "fudge-like" consistency. If it is too watery, add the reserved dry grout in small amounts until the consistency is correct.
12. Fill a gallon bag with the mixed grout. Snip a small tip off the end of one corner.
13. Squeeze a thick layer of grout into all the spaces between the glass bottoms.
14. It is very important to remove any grout that is on the glass with a paper towel before grout is completely dry. Remove masking tape at this time.
15. Once completely dry, add two heavy duty eye hooks to the top of the frame. Clean glass with window cleaner.
16. Attach a chain to the eye hooks and suspend the frame in front of a window or lamp for best impact.



## Tuscan Lights Candlesticks

Tuscan Lights are one of our most beautiful and easy to make projects. Made from recycled bottles, these candlesticks will grace any outdoor or indoor table. Make a set this weekend!

**Designed by:** Diana Duvall

**Skill Level:** (Adult 1-5: 1 being the easiest, 5 being most difficult) 1

**Time to Complete:** 2 hours

### Project Tip:

- Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.
- Extinguish candles before they reach 1" above the mouth of the bottles.

### Materials:

- Generation Green (g2)<sup>TM</sup> Bottle Cutter (#425365)
- 1 Green wine bottle – 750 liter
- 1 Blue water bottle – 8 oz
- 1 Amber bottle – 12 oz
- 1 box of small glass gems (#4252723)
- 1 box of large glass gems (#4252723)
- 3 assorted colored tapers
- E6000<sup>®</sup> adhesive (#8918)

### Instructions:

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Clean three glass bottles of varying colors. Measure and place a mark 10" down from the top of the first bottle, 8" on the second and 7" the last bottle, using a Sharpie<sup>®</sup> marker.
3. Using the bottle cutter, score and separate where indicated.
4. Smooth the rough edges as instructed in the bottle cutter manual.
5. Clean bottles and place the tallest bottle on an old pillow or a bag of rice. This will prevent the bottle from rolling as you are mosaicking the surface.



## Tuscan Lights Candlesticks

6. Glue small  $\frac{3}{8}$ " glass gems to the neck of the bottle. Each row of gems should be a different color. Allow to dry. Once dry add a row of  $1\frac{1}{2}$ " glass gems in assorted colors to the shoulder of the bottle and allow to dry.
7. Next, coordinate  $\frac{3}{8}$ " glass gem colors on the remaining two bottles. For example, we used a blue bottle with blue and green gems. Glue them on the bottle necks. Allow to dry.
8. Once each bottle has been embellished with gems, place them on a decorative Tuscan-style plate/tray cut-side down. Slip a tapered candle into the opening in the neck of each bottle, light and enjoy their beauty. Do not leave candles unattended.





## “Cheese Please!” Glass Domes & Candle Shelter

**Designed by:** Rita Schwab

**Skill Level:** (Adult 1-5: 1 being the easiest, 5 being most difficult) 3

**Time to Complete:** 3 hours

### **Project Tip:**

- Always wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.
- Clean the cut bottles in a natural way with a mixture of 1 tablespoon vinegar and a pint of water.

### **Materials:**

- Generation Green (g2) Bottle Cutting Kit (#425365)
- Newspaper
- Etching cream (#5530)
- Armour Over 'N' Over Stencils berries (#21-1609) and Fleur De Lis (#21-1615) Available at [www.armourproducts.com/ecom-catshow/overnover.html](http://www.armourproducts.com/ecom-catshow/overnover.html)
- Sponge brush
- Champagne corks - 2
- Bottles – Two 1.5 L and one 750 ML clear wine bottles
- Twine
- Buttons
- E6000® (#8918)
- Votive Candle and 4" clay saucer
  - Glastac (#B8234)
  - Candle for bending stringer
  - Rubbing alcohol and paper towels
  - Hair spray aerosol



## “Cheese Please!” Glass Domes & Candle Shelter

### Instructions:

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Measure: 2½" down from the top on each 1.5 L clear wine bottle, mark using a Sharpie®. For the shorter dome, make an additional mark 7" down from the top. For the taller dome, make an additional mark 8" down from the top. When finished, you should have two 1.5 L clear wine bottles each with two marks for cutting. Make only one mark on a 750 ML clear wine bottle, 10½" down from the top for the candle shelter.
3. Using the bottle cutter, score and separate where indicated.
4. Smooth the rough edges on the bottom of each bottle as instructed in the bottle cutter manual.
5. Clean your cut bottles inside and out and dry completely.
6. For one of the small glass cheese domes, remove the single (1" w x 3" L) Fleur De Lis stencil from the carrier sheet. Line the edge of the stencil along the bottom edge of the dome. Press into place. If you tend to be a messy painter, mask off the area around the stencil with painter's tape.
7. Etch with Armour Etch® Glass Etching Cream, applying cream only to the stencil avoiding edges. Wait 10 minutes.
8. Wash stencil with warm water, pat dry and reposition next to the previous etch. Repeat steps 6 - 7 until the bottom edge of the dome is encircled with an etched border. When finished return stencil to carrier sheet.
9. On the second dome, use the triangular shaped Fleur De Lis stencil. Remove it from the carrier and place one on each side of the dome close to the top. Repeat steps 7 & 8.
10. For the candle shelter, remove the 2.75" x 2.75" berry stencil from its carrier and place it on one side of the tall bottle. Repeat step 7 & 8.
11. Place a small amount of white paint on a finger tip and lightly rub over the stencil. This will make the etching appear brighter.
12. Run a bead of adhesive around the base of each cork and insert them into the top of the two small cheese domes. Embellish each cork with Vintage buttons (see image for reference).
13. Wrap twine around neck of the candle shelter and tie off with a bow.



## Harvest Votives

**Designed by:** Jeanne Baruth

**Skill Level:** (Adult 1-5: 1 being the easiest, 5 being most difficult) 3

**Time to Complete:** 5 hours

### **Project Tip:**

- *Clean your bottles well before using them.*
- *This project is a great way to recycle & reuse old glass bottles.*

### **Materials:**

- 1 pkg. – 5 oz, Assorted Cathedral Glass Chips (#425361B)
- Generation Green Bottle Cutter™ or any other bottle cutter (#425365)
- Wheeled glass nippers (#63991)
- Stained glass foiling tape - ¼" x 33m copper/black-lined (#5597)
- Clear silicone adhesive (#5690)
- Three long neck brown bottles
- Leaf patterns (see page 12)
- Tape
- Glass cleaner
- Soft cloth
- Votives – flameless or conventional



## Harvest Votives

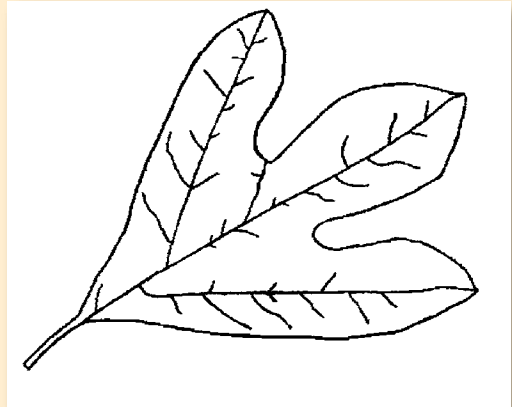
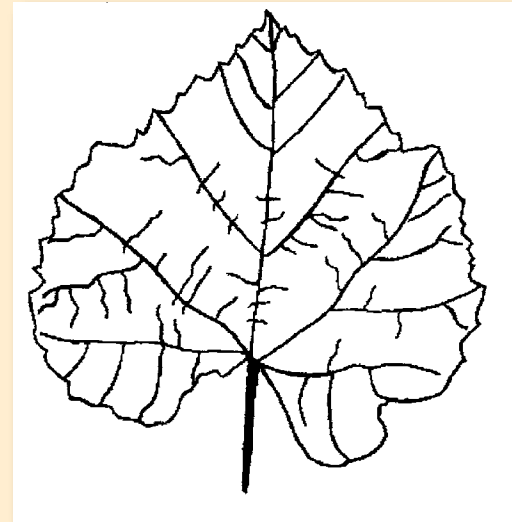
### Instructions:

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Clean and remove the labels from 3 longneck beer bottles. Measure and mark all three bottles from the bottom, one at  $3\frac{3}{4}$ ", one at  $3\frac{1}{2}$ " and one at 3". Score at marks and separate the bottles following bottle cutter instructions. Polish all at the separations.
2. Adjust the size of the pattern to fit on the side of the bottle and print. Cut out one leaf and tape it on the interior of the votive base so that the image is facing out. Continue this step on the remaining two votive bases. Set the bases side by side to view the alignment of the leaves. Once satisfied with placement of your patterns, you are ready to start applying the stained glass.
3. Nip the stained glass chips into small pieces with a wheeled glass nipper. Apply a small amount of adhesive to the back of each piece and press onto the surface of the votive base to fill the leaf pattern. Continue this process on the remaining bases.  
*NOTE: Round objects can be challenging to mosaic. Work on a bag filled with rice or dried beans for support. Allow the glue to dry per the manufacturer's recommendation.*
4. Remove the patterns and tape from the inside of the votive holders. Clean all of the glass with window cleaner and dry with a soft cloth.
5. Use copper foil tape to finish the edges of the cut bottles. Pull a length of tape from the spool and remove the backing paper. Position the glass on the sticky side of the tape, centering the cut rim of the glass on the foil. Fold the foil over the rim and burnish (gently press) the tape to the glass using a fid or the edge of a pencil. This will secure the tape to glass. Apply an additional piece of foil around the rim. Apply the base band using the same technique. Burnish each application of foil.  
*NOTE: Apply foil as shown in the photo or any other design combination. Try multiple rows, squares, diamonds, dots, or any combination thereof.*
6. Place the embellished votive holder on a flat surface with the open side down. Apply a bead of silicone adhesive to the bottom center. Place the neck of the bottle into the adhesive (narrow opening down) and allow to dry per the manufacturer's instruction.
7. Once dry turn votives over, insert a candle into each holder, and viola, a beautiful autumn glow.

### Harvest Votives Leaf Patterns





## Koi Luminary

**Designed by:** Andy Spencer

**Skill Level:**

(Adult 1-5: 1 being the easiest, 5 being most difficult) 1

**Time to Complete:** 2 hours

**Project Tip:**

- *Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.*
- *To ensure top performance keep your bottle cutter blade oiled.*
- *After the candle is lit, DO NOT touch the top of the bottle or whisk. They will be extremely hot.*

**Materials:**

- Generation Green Bottle Cutter™ or any other bottle cutter (#425365)
- 1 Wine bottle - 1.5 liter
- Clear adhesive contact paper
- Scissors or crafting knife (#5536)
- Paint brush (#9760)
- Etching cream (#5530)
- 1 12" Metal kitchen whisk with loop on the end
- 1 Tea light or small candle
- 1 Votive holder where applicable
- 12 ft. Crafting Wire - 20 gauge (#4523)
- 1 - 6.0 Seed beads - 30-gram pkg.



## Instructions:

### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Measure 10" down from the top of the bottle and mark using a Sharpie®.
3. Using the bottle cutter, score and break where indicated.
4. Smooth the rough edges as instructed in the bottle cutter manual.
5. On a self-healing mat or cutting board, size the Koi pattern (at right) and trace it onto clear contact paper. Cut out the gray areas of the pattern with a craft knife. Remove backing from contact paper and apply to the clean cut bottle. Use the side of a pen or a popsicle stick burnish the contact paper to the bottle. Ensure all air pockets are eliminated and cut edges are firmly secured to the glass before proceeding.
6. Etch bottle according to the etching cream manufacturer's instructions.
7. Once bottle has been etched, remove contact paper, wash and dry bottle and set aside.
8. To embellish the whisk, cut a piece of craft wire 1½" times the length of each wire loop of the whisk. Secure the craft wire to the top of the whisk by twisting the wire several times around the top of one of the whisk wires.
9. Wrap the craft wire and embellish by sliding a bead onto the wire with every other revolution. Continue to wrap and embellish until you reach the end of the loop. Twist to secure craft wire to whisk. Wrap and embellish all wire loops of the whisk.
10. Slip a tea light through the whisk wires so that it rests cradled on the bottom of the whisk. Should your tea light not have a metal base, place candle in a votive holder before inserting it into the whisk. Do not light the candle until it has been securely hung.
11. To finish the Koi Luminary, guide the whisk handle through the bottom opening of the bottle and push it up through the neck. The loop of the whisk should appear above the neck of the bottle. Use this loop to hang luminary before lighting the candle.



## Glass Bottle Necklace

**Designed by:** Jeanne Baruth

**Skill Level:** (Adult 1-5: 1 being the easiest, 5 being most difficult) 5

**Time to Complete:** 5-6 hours

### **Project Tip:**

- Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.
- Always read and follow kiln safety instructions and warnings.
- Wear safety glasses when using glass-crafting tools.
- Instructions for tying knots can be found at: <http://www.free-macramepatterns.com/learn-macrame.html> or <http://diyfashion.about.com/od/diyjewelry-making/ss/LarksHead.htm>

### **Materials:**

- Generation Green Bottle Cutter™ or any other bottle cutter (#425365)
- Glass bottle. A thick glass bottle works best.
- Fuseworks™ Microwave Kiln (#424849)
- Fuseworks™ kiln paper (#427847)
- Bella Boho bead collection – (4 brass rings, 1 wooden ring, 2 brass Boho beads)
- 1 Large glass bead
- Cord or hemp



## Glass Bottle Necklace

### Instructions:

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Starting 1 inch down from the lip of the bottle, measure and mark four 1" increments with a Sharpie® (see diagram).
3. Using the bottle cutter, score and separate where indicated to create glass rings.
4. Cut a 2" x 2" piece of kiln paper. Remove the lid from the Fuseworks™ Microwave Kiln.  
Place the kiln paper on the kiln base.
5. Place one ring in the center of the kiln paper. Carefully set the base with glass inside the microwave.  
Cover base and glass with kiln lid.
6. Fuse at full (100%) power for 2 minutes. If using a microwave with a lower wattage, increase the time to 2 minutes and 30 seconds.  
*PLEASE NOTE: All microwave and kiln combinations will have different firing patterns.  
Be sure to take careful notes and log all fusing times for future use.*
7. When time has expired, open microwave and, using Hot Mitts (#427846) carefully lift the lid enough to inspect the fusing process. Glass should have nicely round edges. If need be, add additional time in 15 to 30 second increments until the desired results are achieved. Remove kiln from microwave using the Hot Mitts and place on a heat resistant surface. Cool the kiln on a heat resistant surface for at least 30 to 40 minutes with the lid on.  
*WARNING: Removing the lid or peeking under the lid during the cooling will result in your piece cracking.  
Glass remains hot for a long time handle with great caution.*
8. Repeat this process for the 3 remaining glass bottle rings. Cool each completely between firings.
9. To create the necklace, you will need two short strands and two longer strands of cord, a total of four strands for each side of the medallion.
10. To measure the length needed, first wrap the cord around your neck, stopping at the desired length of the necklace.  
Add 2" to this measurement to allow for tying off, cut two cords.
11. Next, multiply this number by two; this will be the length of the longer strands. Measure and cut two cords. Example: if your necklace needed to be 14" when finished, add 2" to the 14" (allowing for tying off) for a length of 16" x 2 = 32".
12. Pair a short with a long length of cord, find the center of each and fold in half.
13. Secure a cord set to a glass ring with a Lark's Head Knot. Follow this with 4 square knots. Slip one chunky brass bead over the four strands of cord. Tie 10 more square knots (amount of knots may need to be adjusted depending on neck size), secure with an over-hand knot incorporating all 4 strands. Finish by wrapping a length of brass "Fun Wire™" wrapped three times around the four strands.  
Tuck wire back into knot.
14. Repeat the same process on the other opposite side of the glass ring.
15. Create a button hole clasp on the one end of the necklace. Wrap a length of brass "Fun Wire™" close to clasp, tuck end of wire back into wrap. Tie a large glass bead on one end of the necklace.
16. Embellish each side of the finished necklace by opening two large brass jump rings and inserting them through the square knots near the brass bead. Slip a glass ring onto the jump ring and close using pliers.
17. Next, using a large brass jump ring attach a wooden ring and a glass ring to the center, as shown on page 14, close using pliers.





## Rainbow Pendant Light

A versatile pendant light will allow you to add light to almost any space! The groovy design features rainbow colored glass gems mosaiced on to a recycled wine bottle.

**Designed by:** Rita Schwab

**Skill Level:** (Adult 1-5: 1 being the easiest, 5 being most difficult) 3

**Time to Complete:** 4 days

### **Project Tip:**

- Always, wear safety goggles when using glass-crafting tools.  
Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.

### **Materials:**

- Generation Green Bottle Cutter™ or any other bottle cutter (#425365)
- Glass gems assortment (#425271)
- Black grout (#425581)
- Light kit (#16620)
- Mosaic glue (#8919)
- Light bulb

### **Instructions:**

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Measure 3' down from the top of the bottle and mark with a Sharpie® marker.  
Measure ½" from the bottom and make another mark.
3. Using the bottle cutter, score and separate the bottle at the marks.
4. Smooth the rough edges of the cut bottle with emery paper as instructed in the bottle cutter manual.
5. Randomly glue the gems to the surface of the bottle and let dry completely.  
To prevent the bottle from rolling, place on an old pillow or a bag of rice.
6. Once gems are dried, place grout in a bowl and slowly add water a tablespoon at a time.  
Mix with craft stick until the grout reaches "fudge-like" consistency. If it is too watery, add more dry grout in small amounts until the consistency is correct.
7. Wearing a disposable glove spread the grout into all the spaces between the glass gems.  
Wait about 15 minutes for grout to set.
8. Gently wipe away the excess grout using a paper towel, taking care not to pull grout out of tile spaces. It is very important to remove any grout from the tile surface before grout is completely dry.
9. Use a soft cloth to buff the tiles to a clean shine.
10. Allow 24 hours for the mosaic piece to dry.
11. Following the instructions for the light kit assemble and install it on the bottle.  
Cover the cord with a lamp bungee





## Polka Dotted Vase

**Designed by:** Andy Spencer

**Skill Level:** (Adult 1-5: 1 being the easiest,  
5 being most difficult) 1

**Time to Complete:** 3 hours

### **Project Tip:**

- Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.

### **Materials:**

- Generation Green Bottle Cutter™ or any other bottle cutter (#425365)
- 1 Small wine bottle – .75 liter
- 1 Large wine bottle – 1.5 liter
- Clear adhesive contact paper
- Etching cream (#5530)
- Foam brush
- Silver foiling tape (#5572)
- Pen or a popsicle stick
- Plant and soil
- Pebbles – small
- Craft knife (#5536)
- Water

### **Instructions:**

#### BEFORE YOU BEGIN

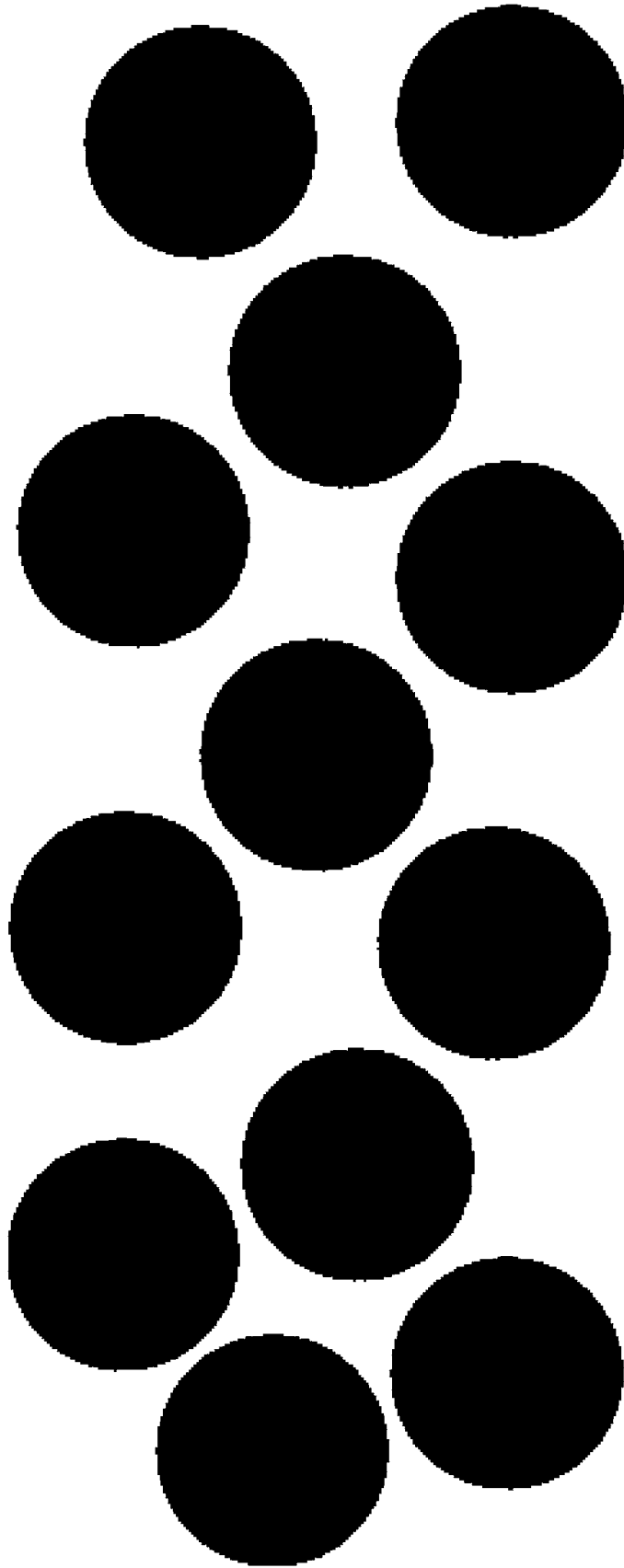
Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. Measure 4" up from the bottom of a .75 liter bottle and 1½" up from the bottom of a 1.5 liter bottle and mark with a Sharpie®.
3. Using the bottle cutter, score and break where indicated.
4. Smooth the rough edges as instructed in the bottle cutter manual. Clean glass well after smoothing and polishing edges.
5. Size and cut out circle pattern (page 19) using a craft knife on a self-healing mat or cutting board. Remove backing from contact paper and apply to the clean cut bottle. Use the side of a pen or a popsicle stick to burnish the contact paper to the bottle. Eliminate all air pockets and secure cut edges to the glass before applying etching cream.
6. Etch & clean the bottle according to the etching cream manufacturer's instructions.
7. Remove contact paper, wash, and dry bottle.
8. Finish edges of the glass pot and saucer with silver foiling tape. Peel away approximately 4" of the backing. Visualize the tape divided into thirds. Apply the bottom one third of the tape, adhesive side pressed to the outside below the rim of the glass. Overlap the ends by ¼". Fold the two-thirds edge over the rim to the inside of the glass. Press and burnish into place with the side of a pen.
9. Add 1" of small pebbles to the bottom of the vase with some water.
10. Insert a plant and add soil to 1" from the top. Set vase on saucer.



## Polka Dotted Vase

Polka Dotted Vase pattern



## Rings of Sound Wind Chimes

**Designed by:** Jeanne Baruth

**Skill Level:** (Adult 1-5: 1 being the easiest,  
5 being most difficult) 2

**Time to Complete:** 1 hour

### Project Tip:

- Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.

### Materials:

- Generation Green Bottle Cutter™ or any other bottle cutter (#425365)
- Black jewelry cord - braided,  $\frac{1}{16}$ " diameter nylon, 4 yards
- 19 Wooden beads with large openings – variety of styles in the same color

### Instructions:

#### BEFORE YOU BEGIN

Read and carefully following the instructions contained within the Generation Green (g2) bottle cutter manual. If you do, you will have success in scoring and separating nearly any round bottle or jar in less than 3 minutes!

1. Cover the work area with craft or newspaper.
2. Choose a variety of bottle sizes and colors, measure and mark, using a Sharpie® nine rings varying the width of each ring.
3. Using the bottle cutter, score and break where indicated.
4. Smooth the rough edges as instructed in the bottle cutter manual.
5. Cut three cords 1 yard each.
6. Hold all the three cords and make a knot 1" from the top.
7. Tie another knot at 3", slide a  $\frac{3}{4}$ " bead on top of that and knot at the base of the bead to secure in place.
8. Separate one of the three strands. Slide a wooden bead onto the strand  $4\frac{1}{2}$ " from the last knot.

*Tip: Slide a paperclip on your measurement to help the ring stay level. Place the bead on the face of the first glass ring. Bring the cord down and back up through the center of the ring. Insert the cord through the bead and tie off using a slipknot. Continue this process with all three cords on the first glass ring.*

9. Repeat this process for the second and third ring, spacing them out to your liking.
10. There are no specific measurements to hang your rings, only that the vertical rings in some combination need to touch each other to create sound. Not all rings must touch but each should touch at least one or more. See the photo for alignment options. Slip a bead onto the cord. Bring the cord down and back up through the center of the ring. Insert the cord through the bead again and tie off using a slipknot. Trim excess cord from the knot. Attach the three independent rings in between the existing rings with the same knotting technique.



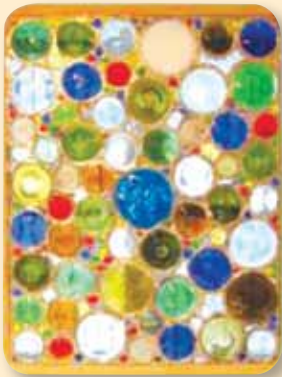
## Bottle Art Inspiration

From fusing to stained glass, etching to mosaics, glass bottles are ready to be reused in spectacular art. Find creative ideas below from Delphi customers and artists like you to get started.

### Feature Your Favorite Bottle:

Cathedral Glassworks of BC, Canada designed the panel at far right featuring a client's favorite label by cutting a bottle in half and soldering it into a vineyard design.

2010 Online Art Glass Festival winner Pamela Buerger of Fenton, MI designed the panel at right, "Wine Anyone" with a glass bottle cut in half and incorporated into the design with a piece of red glass plated behind it to give the illusion of a bottle that's always full.



### Bit By Bit:

Artist Susie Thompson of Phoenix, AZ recycles colorful bottles in her art in a unique way – she cuts the bottoms off and uses them in place of rondels. At left is a panel that combines bottles, glass nuggets, antique marbles and other assorted found items to create a colorful and beautiful design.

The 3-D Dragon sculpture, bottom left, by artist Steve Landrum of Mountain Home, AR was created from bits of bottles, paired with stained glass to create this fantastic sculpture with unique curved surfaces and contours.

Artist Ramona Mauch of Exeter, CA captured our imagination with her 2010 Online Art Glass Festival 1st Place Sculpture, shown above left. She created this fantastical creature from recycled bottles that were disassembled, then pieced back together to form this unique character with legs that hint at the origin of the glass. Details were added with copper sheet.

## Bottle Art Inspiration

### Glow Green:

Nancy Faust at Touch-O-Glass of Amherstburg, ON, Canada shares one of her sparkling mosaic lanterns, at right, that are beautiful as a patio accent during the day, but truly come to life in the evening. They cast a warm glow and festive color on gatherings, making even casual get-togethers seem special.

Artist Robin Dempsey decorated a bottle with oven-bake glass paints to create a fun summer hanging lantern.

### Additional Ideas:

Fused bottles can be slumped to create fun serving dishes. Add enamel accents to dress them up or customize designs. Artist Lora Linn created the serving dishes directly below using Bottle Mold #806153. From Delphi's Online Artist Gallery. Slumped dish at bottom by artist Stephanie O'Toole was made using mold #80681.





## Bottle Art Inspiration

### Additional Ideas:

Looking for even more ideas?  
Check out "Bottle Art" (book #6288)  
for 61 great project ideas to inspire  
your earth-friendly art!



### Generation Green (g<sup>2</sup>) Bottle Cutter (#425635)

Constructed entirely from recycled aluminum and plastic, its lightweight design allows you to easily score and separate discarded bottles and jars in just 3 easy steps. Includes bottle cutter, long lasting 6 wheeled turret cutting head, two 4" x 4" polishing pads, tapper and instructions.

