

SILVERED IVORY

Scroll Marble

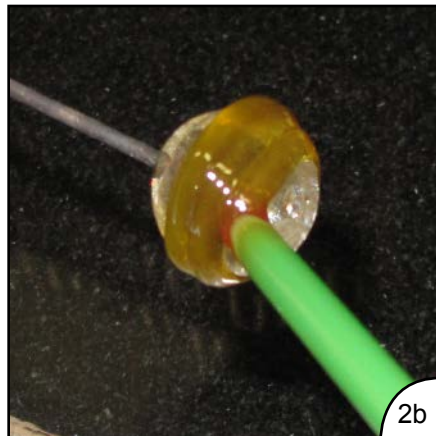
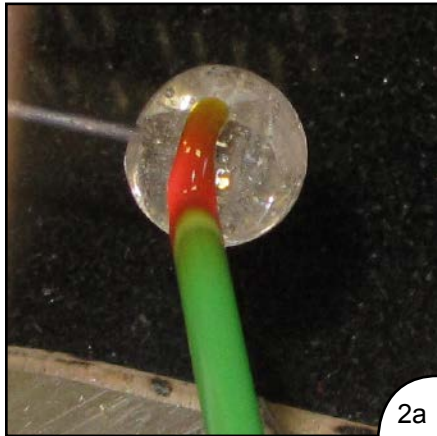
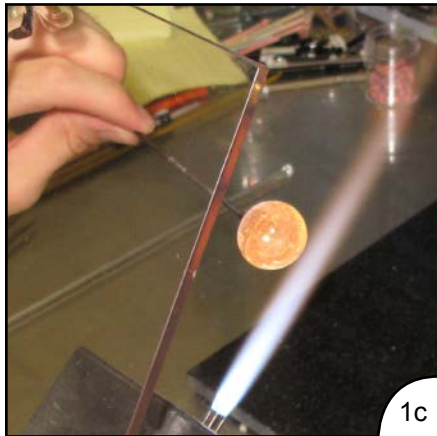
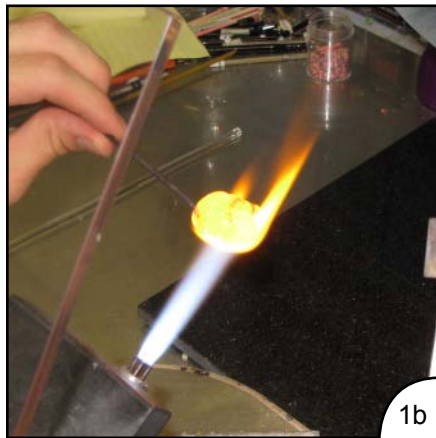
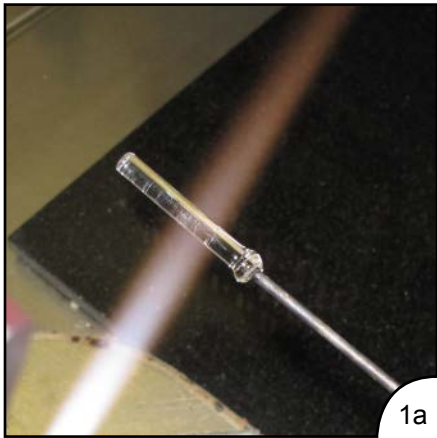
By Jason Powers

Originally made all of my marbles in borosilicate glass, but missed the colors of soft glass. Making marbles with soft glass has proved to be challenging, but with a little practice and patience it can be done!



TOOLS AND SUPPLIES:

- ❑ Stainless steel mandrel
- ❑ Marble mold
- ❑ Tweezers/ hemostat
- ❑ Small spatula tool
- ❑ Marble grabber
- ❑ Two rods of CiM Poison Apple
- ❑ Two rods of Effetre Clear
- ❑ Silvered ivory stringer



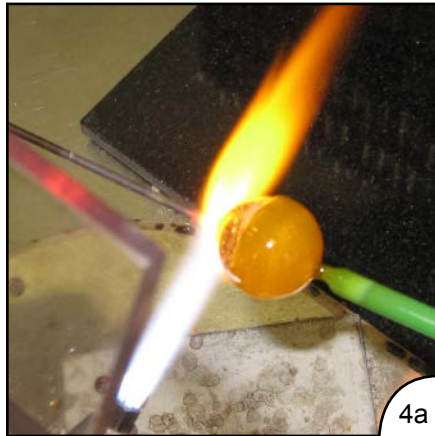
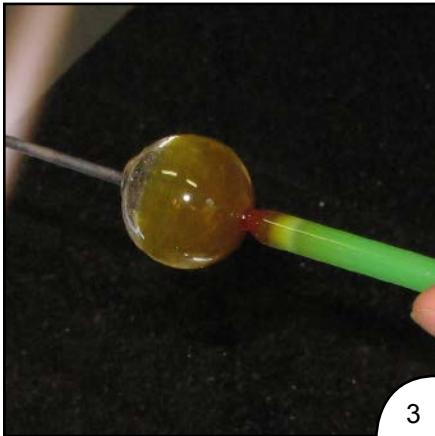
BEFORE YOU BEGIN:

Pull several thin silvered ivory stringers using Effetre Dark Ivory and silver foil. Make a few extra in case any break during use.

Steps 1a - 1d: Gather a ball of clear glass at the end of the mandrel – do not use bead release. I just use little shorts of clear I have in my studio, so it's a great way to use up the small pieces you have collected from other projects. Just keep adding glass until you have a gather the size you want, keeping in mind that you'll be encasing it in the next step. Heat the gather into a round shape (there is no need to use the marble mold at this point).

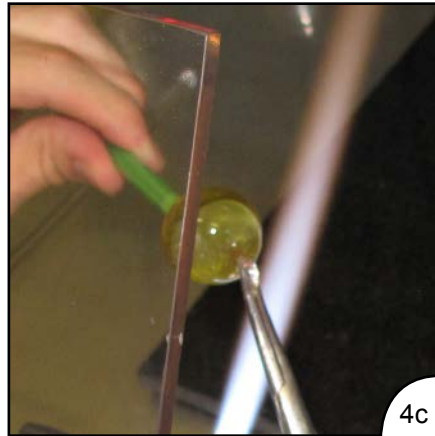
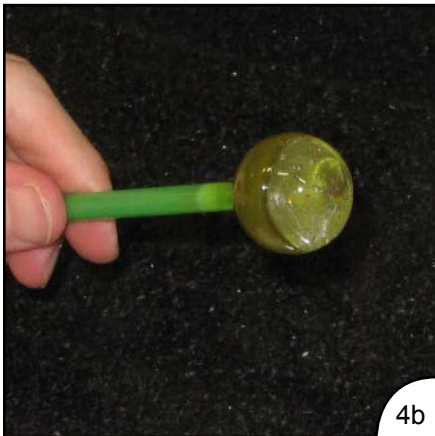
Steps 2a - 2d: Let the outer layer of glass firm up. Wrap a single layer of Poison Apple around the far half of the gather. Melt the color smooth, and gently round it out with the marble mold. Repeat the shaping process until the far half of the marble is round.

TIP: Use a mold slightly smaller than the gather, letting the **edge** of the mold do the shaping.

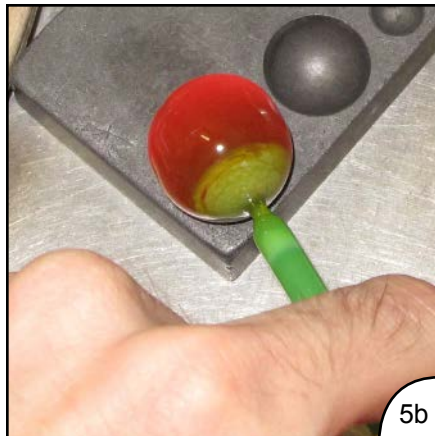


Step 3: Using a rod of CiM Poison Apple as a punty, attach a hot seal to the half of the marble that you just shaped.

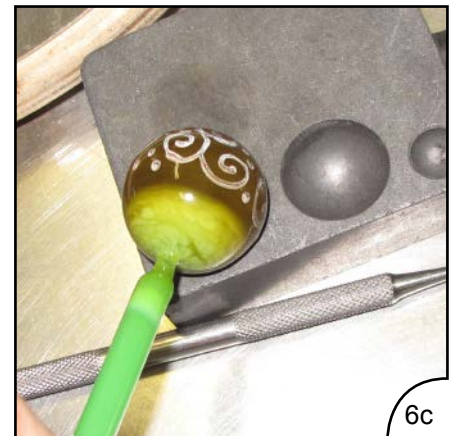
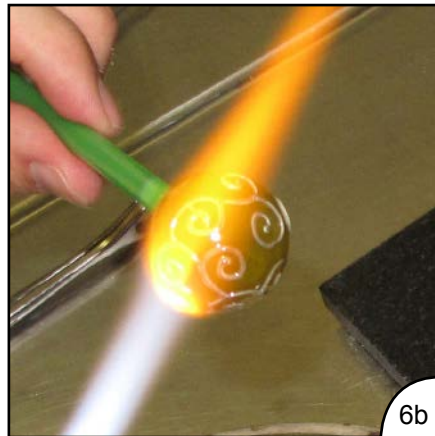
TIP: The marble and punty should be glowing hot to form a proper hot seal.



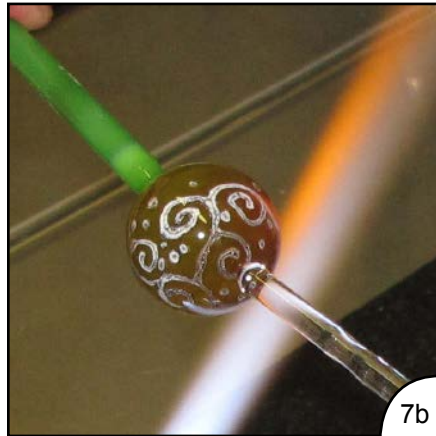
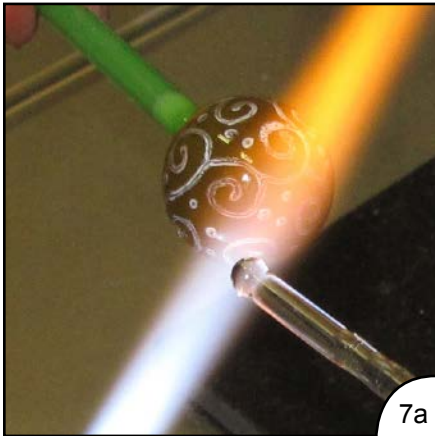
Steps 4a - 4c: Spot heat the clear side of the marble where the mandrel is connected. The mandrel will glow red. Pull the mandrel away slowly, and spot heat the marble to smooth out the surface. Use tweezers to pull off any impurities left behind by the mandrel.



Steps 5a and 5b: Repeat step 2, this time encasing the side that is still clear.



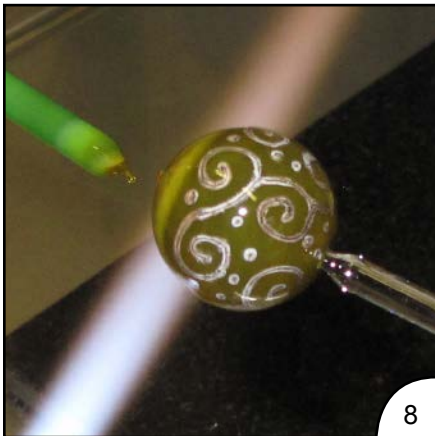
Steps 6a - 6c: Once you are happy with the shape, start applying silvered ivory stringer to the far half of the marble only. Gently melt the designs, and use the marble mold to rework the shape.



Steps 7a and 7b: Attach a hot seal clear punty centered on the far end where you have applied the designs.

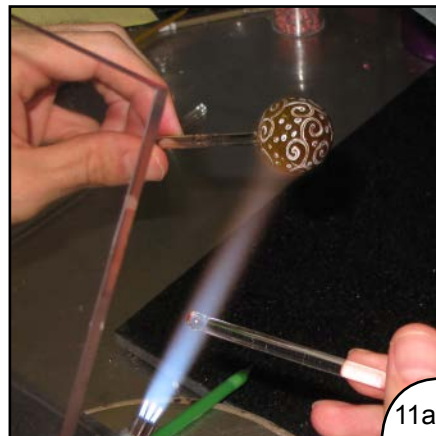
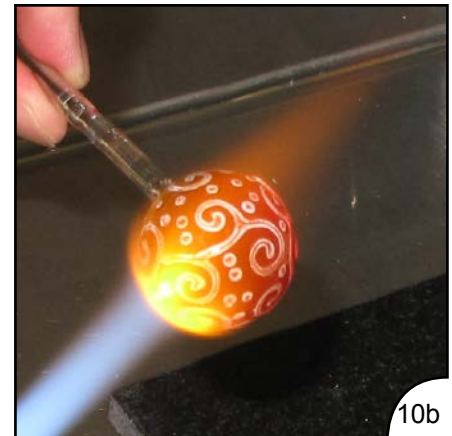
Step 8: Spot heat the Poison Apple punty and remove.

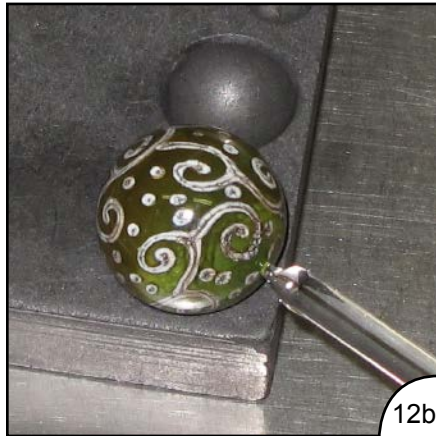
Steps 9a and 9b: Spot heat the marble to smooth out the punty mark and reshape this half with the marble mold.



Step 10a - 10c: Repeat the silvered ivory scrollwork on the second half of the marble, heating it as before, melting it in, and shaping it in the marble mold.

Steps 11a and 11b: Using a clear rod, attach a cold seal to end of the marble that you just decorated. To create a cold seal, the marble should be somewhat cool and the punty should be hot.





Steps 12a and 12b: Remove the hot seal punty. Use the marble mold for the final shaping.

Step 13: Score the cold seal with a cold spatula or straight edge tool.



Step 14: Flash your marble grabbers in the flame to warm them up (do not keep the grabbers in the flame). Let the marble cool slightly before using the grabbers to avoid denting the outside of the marble, making sure that you have a firm grip. Tap the cold seal punty with a tool or against your torch to remove. Spot heat where the cold seal was to remove the punty mark. Put the marble in the kiln, on a bed of fiber blanket to anneal.

There are so many possibilities for decorations. Below are just a few different colors you can try. Have fun!





ABOUT THE ARTIST:

Jason Powers began lampworking in 2007. After seeing a special on PBS he set up his first studio and started torching. He has been teaching beginner classes since 2010, and was an Artist-in-residence from 2012 to 2013 at the Mesa Arts Center in Mesa, AZ. He currently works out of his quaint studio near downtown Concord, NH.

His works can be found on <http://etsy.com/shop/powersartstudio> or on his [personal Facebook page](#).