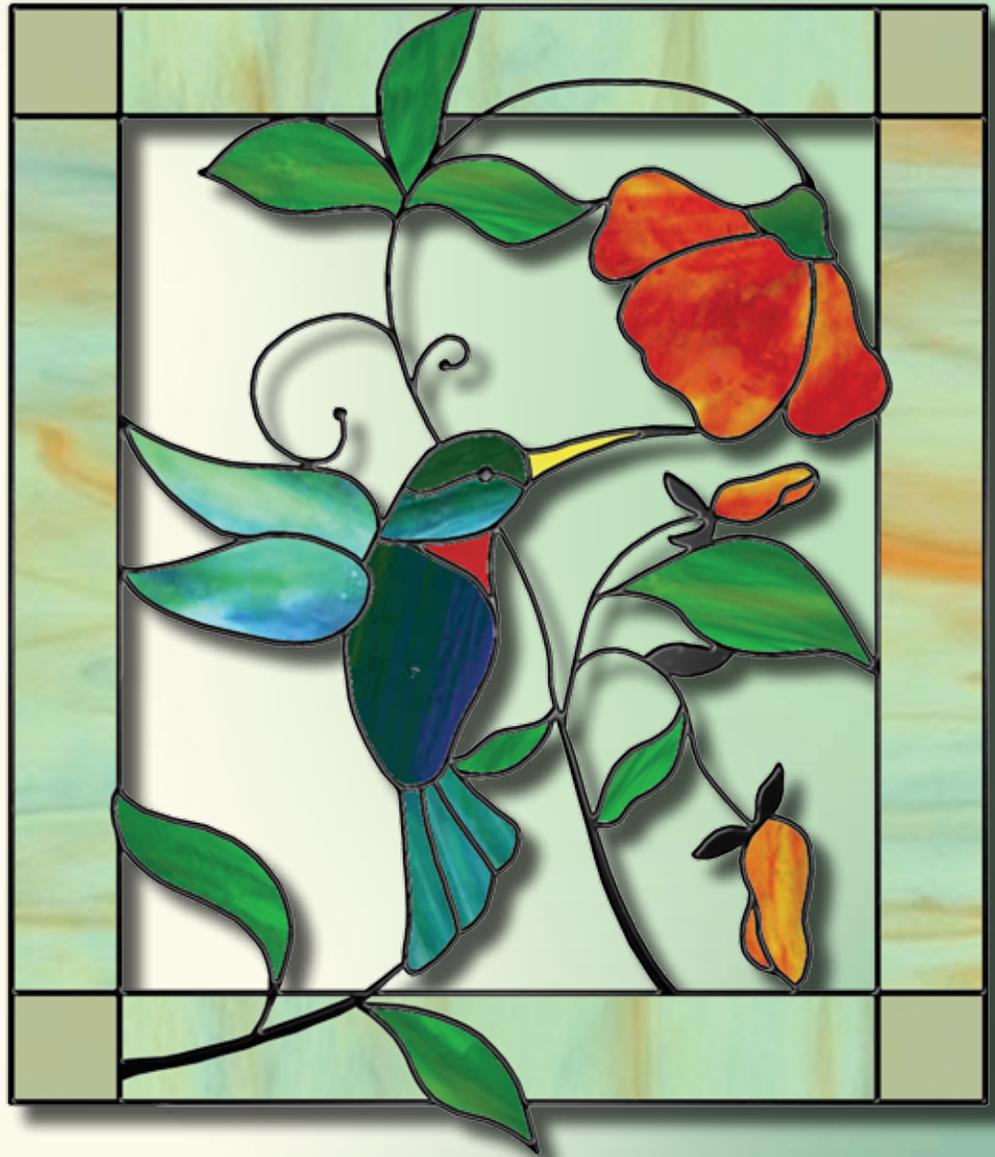


# Ruby-Throated Hummingbird

*Design by Ann Madsen, Text by Darlene Welch*

**H**ummingbirds are one of the most fascinating birds around, and birdwatchers count it good fortune to catch sight of these delightful creatures. Some are so small that if one flies by, it's hard to tell whether you've seen a small bird or a large insect. Ann Madsen captures this little fellow perfectly in this 9" x 10" panel as he feeds from the flower's nectar. Using copper wire for the plant stems allows the design elements to live in the open space inside the panel's border, adding a feeling of depth to the panel, as if the bird is actually hovering close by.

The ruby-throated hummingbird is just one of many species of these sought-after birds. With a little research or just sheer imagination, you can change the colors of the bird and flower to let your creativity soar and make this project your very own. **GPO**



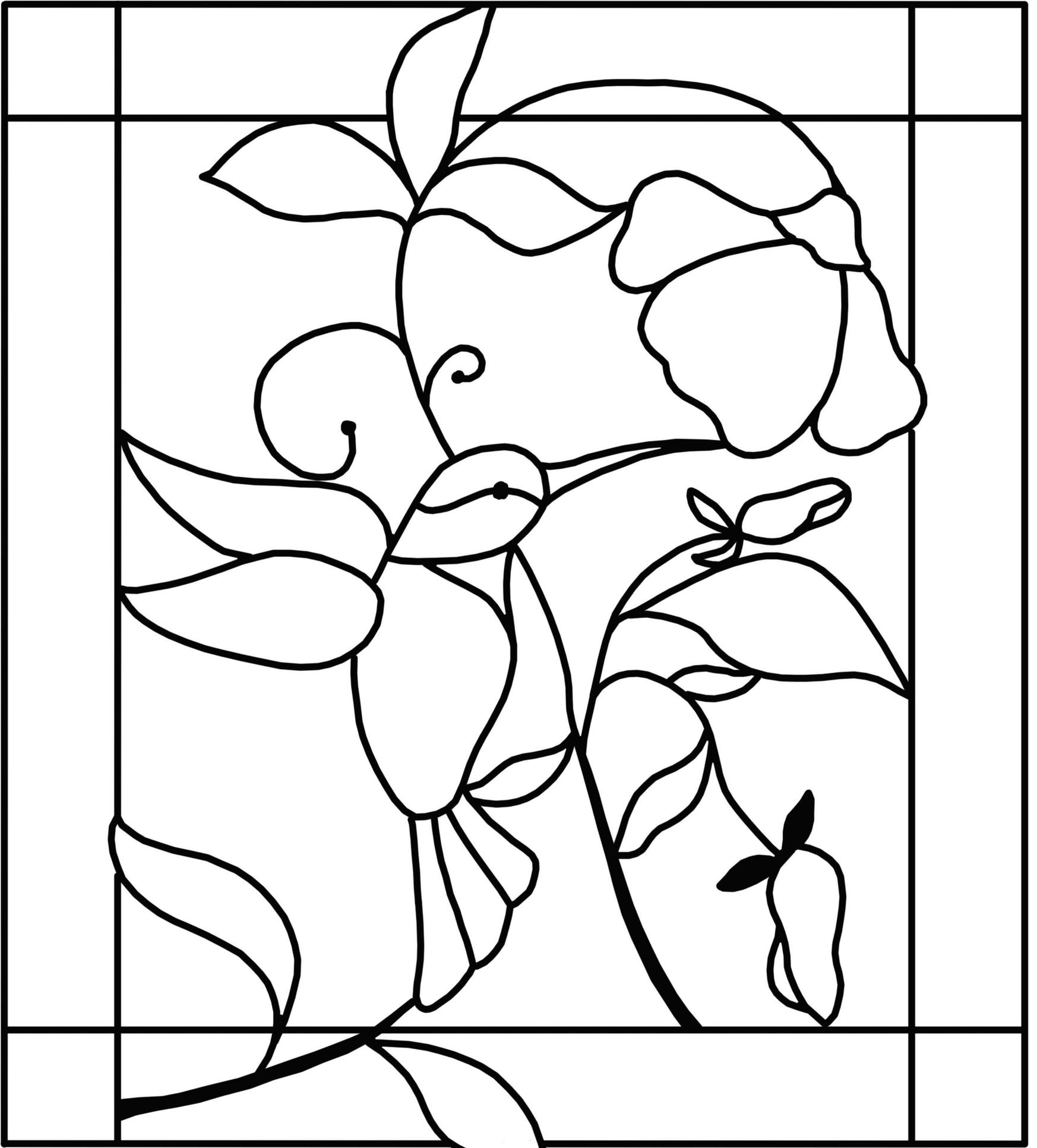
## **Wissmach Glass Co.**

25-LL Orange/Green/Opal/Crystal for Flower  
100-SP Dark Green/Opal for Leaves  
2-D Yellow/Opal/Crystal for Beak  
16 Copper Red for Throat  
243-LL Dark Blue/Yellow Green for Bird Body and Head  
WO-702 Medium Green/Dark Blue for Tail and Head  
197-L Dark Blue/Medium Green/Opal/Crystal for Wings  
256-L Pastel Green/Blue/Red for Border  
161 Salem Green for Border Corners  
All design pieces cut from scrap glass

## **Tools and Materials**

7/32" Copper Foil Flux Solder  
Black Patina 1/4" U-Channel Zinc  
Copper Wire Sheet Foil

© Copyright 2014 by Glass Patterns Quarterly.  
All rights reserved.



*Copyright 2014 Glass Patterns Quarterly, Inc. All rights reserved under Pan American and International copyright conventions. The contents of this magazine and pattern sheet including text, pattern designs, photographs, and/or illustrations are copyrighted. Photocopying and all other types of mechanical or electronic reproduction are prohibited except for making personal copies of patterns for enlargement or reduction or for teaching (one copy of pattern only per student). Copying this material to give or sell to others, except as noted, is prohibited by law. You may build the projects and/or paint the designs from this pattern sheet for your own pleasure, for giving, and for limited retail sales at craft shows, craft malls, stained glass retail stores, and special orders. You may not hire people to mass-produce these designs, or any derivative product made from these designs, for the wholesale, retail, or gift markets or to print brochures marketing these designs (Internet included) without written consent of Glass Patterns Quarterly, Inc., and the contributing designers, and permission/licensing fees negotiated.*

