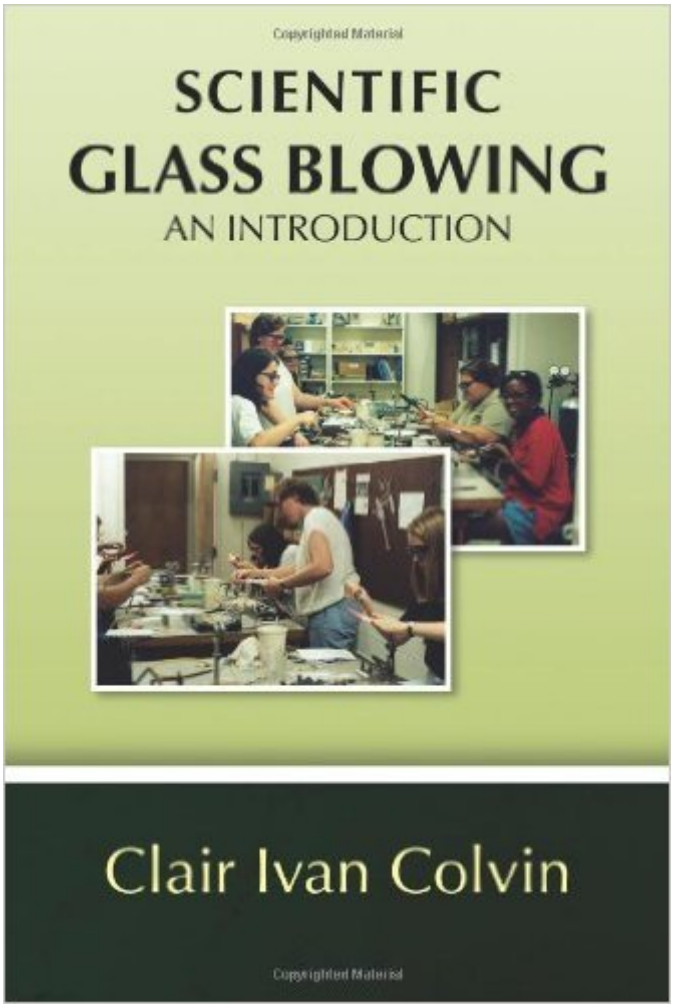
# SCIENTIFIC GLASS BLOWING: AN INTRODUCTION



## Synopsis

This book describes in detail how one proceeds to set up a burner, adjust flame size and temperature, and then use it discover the properties of molten Pyrex glass by the construction of a series of "artistic" figures from glass rods. Similarly, step by step instructions are given for the joining of glass tubes, making T tubes and other simple forms needed for parts in the step by step description of fabricating cold fingers, condensers, etc. The technique of "annealing" glass constructs to reduce stress/strains setup by uneven cooling is emphasized throughout.

## Book Information

Paperback: 62 pages

Publisher: Xlibris (August 30, 2008)

Language: English

ISBN-10: 1436343496

ISBN-13: 978-1436343497

Product Dimensions: 6 x 0.2 x 9 inches

Shipping Weight: 5.1 ounces (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 starsÂ Â See all reviewsÂ (6 customer reviews)

Best Sellers Rank: #1,391,261 in Books (See Top 100 in Books) #39 inÂ Books > Crafts, Hobbies & Home > Crafts & Hobbies > Glass & Glassware > Glassblowing #507 inÂ Books > Science & Math > Experiments, Instruments & Measurement > Experiments & Projects #317228 inÂ Books > Reference

## Customer Reviews

I purchased this book with low expectations, but man was I shocked! I'm a major in scientific glass technology, at SCC, and this book covers everything from our first semester. Almost like our Professor, (a 30+ year scientific glassblower) wrote it himself. If you're interested in getting into blowing scientific glass, this is the book for you! Hands down, there is no other book out there that cover scientific glassblowing with this simplicity.

Some years ago i took a similar class in college, I feel that this book or perhaps I should say booklet as it is a short book does seem to follow the same subject mater, With a few exceptions, such as crack chasing, where one attempts to 'repair a crack by remelting the glass where it is cracked without having the crack 'run' farther. This is not always successful.

Great for somebody that has some experience the tutorials leave a bit to be desired



SCIENTIFIC GLASS BLOWING: AN INTRODUCTION Creative Glass Blowing: Scientific and Ornamental A Handbook of Laboratory Glass-Blowing Glass Blowing: A Technical Manual The Methods Of Glass Blowing Forensic Science: An Introduction to Scientific and Investigative Techniques, Third Edition (Forensic Science: An Introduction to Scientific & Investigative Techniques) ART GLASS - Breaking Glass To Make Money: A Beginners Guide To Making Money With Art Glass - Copper Foil And Lead Work Explained Best Slow Cooker: Top 25 Mind-blowing Recipes To Get Tender Melt-In-The-Mouth Meals Coconut Oil and Apple Cider Vinegar: 28 Mind Blowing Uses for Coconut Oil and Apple Cider Vinegar (The Apple Cider Vinegar and Coconut Oil Bible - Amazing Benefits, Many Uses, and Natural Cures) Basic Instinct Formula - How To Overcome Sexual Performance Anxiety And Have A Mind-Blowing Sex Life Just Like It Was Designed By Nature Holy Sex!: A Catholic Guide to Toe-Curling, Mind-Blowing, Infallible Loving Kama Pootra: 52 Mind-Blowing Ways to Poop Scientific American, September 1969, Acoustical Holography, 1969, Scientific American, Volume 221, Number 4. Scientific Literacy and the Myth of the Scientific Method (Illini Books) The Scientific Apparatus of Nicholas Callan and Other Historic Instruments (Catalogues of historic scientific instruments in Irish collections) The Scientific Endeavor: A Primer on Scientific Principles and Practice Collector’s Encyclopedia Depression Glass (Collector’s Encyclopedia of Depression Glass) The Collector’s Encyclopedia of Pattern Glass: A Pattern Guide to Early American Pressed Glass Pocket Guide to Depression Glass & More Sixteenth Edition (Pocket Guide to Depression Glass & More: 1920s-1960s: Identification & Values) Floral Stained Glass Lampshades (Dover Stained Glass Instruction)