

# MERIT BADGE SERIES



# PAINTING



BOY SCOUTS OF AMERICA®

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*"Enhancing our youths' competitive edge through merit badges"*



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# Requirements

1. Explain the proper safety procedures to follow when preparing surfaces and applying coatings.
2. Do the following:
  - a. Explain three ways that coatings can improve a surface.
  - b. Explain the differences between oil-based paints, acrylic-based paints, and water-based paints.
  - c. Explain where you would apply enamel paint, flat paint, wood stain, and varnish, and explain the importance of sheen.
  - d. Tell why each is best for these uses.
3. Prepare and paint two different surfaces using patching material, caulking, and the proper primers and topcoats. Suggested projects include an interior or exterior wall, a door, a piece of furniture, a concrete wall or floor, a porch rail, or a fence. Your counselor must preapprove the projects.
4. Prepare and paint an item using harmonizing colors that you have selected using the color wheel in this book.
5. Show the right way to use, clean, maintain, and store painting equipment.
6. Explain the importance of ladder safety, environmental responsibility, and personal hygiene when painting.
7. Explain some of the environmental and health issues concerning removing paint, applying paint, and discarding old paint.
8. Find out about career opportunities in the paint industry. Discuss the training and experience required, and explain why this profession might interest you.

# Painting Resources

## Scouting Literature

*Home Repairs and Safety* merit badge pamphlets

Visit the Boy Scouts of America's official retail website (with your parent's permission) at <http://www.scoutstuff.org> for a complete listing of all merit badge pamphlets and other helpful Scouting materials and supplies.

## Books

Becker, Holly. *Decorate: 1,000 Design Ideas for Every Room in Your Home*. Chronicle Books, 2011.

Better Homes and Gardens. *Decorative Paint Techniques and Ideas*, 2nd ed. Wiley, 2009.

Donegan, Francis. *Paint Your Home: Skills, Techniques, and Tricks of the Trade for Professional Looking Interior Painting*. Reader's Digest Association Inc., 1997.

Eiseman, Leatrice. *Colors for Your Every Mood: Discover Your True Decorating Colors*. Capital Books, 2000.

*Essential Paint Techniques: Improving Your Home With Paint Inside and Out*. This Old House Books, 2000.

McElroy, William C. *Painter's Handbook*. Craftsman Book Company, 1988.

*Painting and Decorating Craftsman's Manual and Textbook*. Painting and Decorating Contractors of America, 1995.

Sloan, Annie. *Quick and Easy Paint Transformations: 50 Step-by-Step Ways to Makeover Your Home for Next to Nothing*. CICO Books, 2010.

Starmer, Anna. *The Color Scheme Bible: Inspirational Palettes for Designing Home Interiors*. Firefly Books, 2012.

Travis, Debbie, with Barbara Dingle, ed. *Debbie Travis's Decorating Solutions: More Than 65 Paint and Plaster Finishes for Every Room in Your House*. Random House Inc., 1999.

Wilbur, C. Keith. *Homebuilding and Woodworking in Colonial America*. Chelsea House Publishers, 1997.

## Organizations and Websites

### American Coatings Association

Website: <http://www.paint.org>  
The ACA is a nonprofit organization “working to advance the needs of the paint and coatings industry and the professionals who work in it.” Its website provides information about proper paint disposal, as well as technical and educational materials.

### BEHR

Website: <http://www.behr.com>  
This paint company’s Internet site provides helpful links that offer such things as how-to questions and answers and a calculator that estimates the amount of paint needed for a particular project.

### Environmental Protection Agency

Website: <http://www.epa.gov/lead/pubs/renovation.htm>  
This site explains the EPA’s Renovation, Repair, and Painting rule that applies to companies working on certain projects that disturb lead-based paint.

### Handyman Wire

Website:  
<http://www.handymanwire.com>  
This site offers “expert advice and help for do-it-yourselfers” and allows users to post questions to experts.

### International Union of Painters and Allied Trades

7234 Parkway Drive  
Hanover, MD 21076  
Website: <http://www.iupat.org>  
The IUPAT is a labor union that helps ensure safe working conditions and good wages and benefits for its more than 140,000 members. The website provides an extensive history of the union, union

news and events, information on training and education in the trades, updates on current political and community affairs, and links to district and regional offices across the country.

### Kelly-Moore Paints

Website: <http://www.kellymoore.com>

### MuralsPlus.com

Website: <http://www.muralsplus.com>  
This site is a great resource for those interested in decorative wall painting and faux finishes. It includes a library of tips and ideas, as well as a link to the International Directory of Decorative Painters.

### National Center for Construction Education and Research

13614 Progress Blvd.  
Alachua, FL 32615  
Toll-free telephone: 888-622-3720  
Website: <http://www.nccer.org>  
The NCCER develops and publishes standardized construction and maintenance curricula, safety programs, management education, industry image materials, and craft skill assessments.

### National Lead Information Center

U.S. Environmental Protection Agency  
422 S. Clinton Ave.  
Rochester, NY 14620  
Website: <http://www2.epa.gov/lead>  
This arm of the Environmental Protection Agency provides painting professionals and the general public with information about lead hazards and their prevention.

### The Old House Web

Website: <http://www.oldhouseweb.com>  
This site gives “old-house enthusiasts” ideas and advice on many home improvement tasks, products, and suppliers.

### **Painting and Decorating Contractors of America**

2316 Millpark Drive  
Maryland Heights, MO 63043  
Toll-free telephone: 800-332-7322  
Website: <http://www.pdca.org>  
The official website of the Painting and Decorating Contractors of America is a resource for the professional painting contractor and the home do-it-yourselfer as well.

### **The Rohm and Haas Paint Quality Institute**

Website: <http://www.paintquality.com>  
The Paint Quality Institute is an educational resource for “consumers, painting professionals, and paint sales people about the benefits of using quality paints.” The Institute and its website are sponsored by Rohm and Haas Company, a leading international supplier of specialty chemicals, such as those used in paints. The website contains a wealth of information on safety, paint ingredients, and terminology.

### **This Old House**

Website: <http://www.thisoldhouse.com>

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This dedicated Scouter is a former president of the Painting and Decorating Contractors of America. His contagious enthusiasm made a much-needed major revision of this pamphlet possible in 2002. The BSA also is especially thankful to PDCA members Paul Corey, Mike Sanford, Mike Aushman, and Ken Anderson for joining in Chuck Mann’s interest and making this much-needed revision a reality.

