PAINTING

“Enhancing our youths’ competitive edge through merit badges”
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


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.

Better Homes and Gardens
Website: http://www.bhg.com/decorating/paint/decorative-painting/
This site provides tips and techniques for creating decorative wall patterns and murals.

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
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 160,000 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

National Center for Construction Education and Research
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
Website: http://www.epa.gov/lead/forms/lead-hotline-national-lead-information-center
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.
The Paint Quality Institute
Website: http://www.paintquality.com
The Paint Quality Institute was founded to educate “consumers, contractors, and retailers on the advantages of using the highest quality paints and coatings.” The website contains a wealth of information on safety, paint ingredients, and decorative techniques.

Painting and Decorating Contractors of America
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.

This Old House
Website: http://www.thisoldhouse.com

Acknowledgments
Thanks to Barbara Richardson and Jerry Glica of Glidden Professional (formerly known as ICI Dulux Paints), Cleveland, Ohio, for their assistance with the traditional color wheel found in this pamphlet.

Thanks to The Sherwin-Williams Company for use of its safety data sheet on page 25.

The Boy Scouts of America is grateful to the men and women serving on the Merit Badge Maintenance Task Force for the improvements made in updating this pamphlet.

The Boy Scouts of America is grateful to Charles “Chuck” Mann IV, Chas. F Mann Painting Company, Toledo, Ohio, for his assistance with revising the Painting merit badge pamphlet. This dedicated Scouter is a former president of the Painting and Decorating Contractors of America. The BSA also is thankful to PDCA members Paul Corey, Mike Sanford, Mike Ausherman, and Ken Anderson.