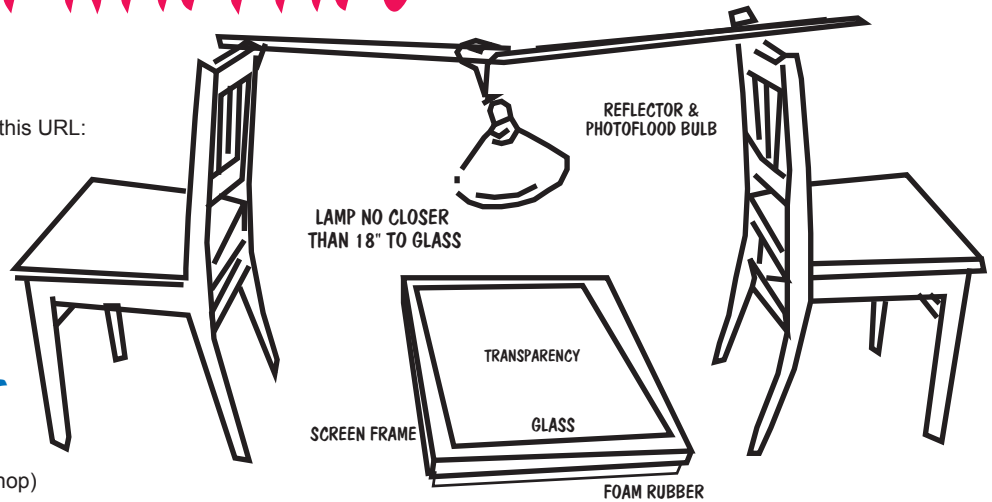


D.I.Y. SCREENPRINTING

12072016
For more information contact:
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IT REALLY WORKS!

See a former student's set-up in her small apartment at this URL:
<http://educ.jmu.edu/~mccasljh/alidiy.pdf>



SUPPLIES & EQUIPMENT

18" Scoop Coater (Renaissance Graphic Arts, Inc.)
Ulano LX-660 Emulsion (Victory Factory, Inc.)
Double-Strength Picture Glass (hardware store, glass shop)
Clamp-On Reflector Lamp (Walmart, hardware store)
White Photo Flood Bulb, 3200K or 3400K, 250W or 500W (Photo Supply Store)

OR

Check out the D.I.Y. exposure units on YouTube
Pre-stretched Aluminum Frame, O.D. 23x31",

We use 195 Count Mesh, White Monofilament (Victory Factory, Inc.).

For printing on fabric (t-shirts, etc.) use a lower mesh count.

Plastic Card (for cleaning out scoop coater, moving ink, etc.)
Two Chairs, Stools, etc.

Broomstick, 2"x2" lumber, etc or clamping lamp

Foam Rubber (thicker than the screen frame is deep - Walmart, fabric store, etc.)

Black Paper or Black Fabric to cover foam (prevents light from bouncing off white foam)

Photo Opaque Transparency (drawing, laserprint, inkjet print, photo copy, etc. on 20 lb. copy paper or matte dura-lar)

Clear Tape

Clock or Watch (to time exposure)

Electric Fan (to dry emulsion)

To build a baseboard, purchase a pair of hinge clamps and attach to plywood or table top.

Use Formica, Masonite, or galvanized metal to create a smooth printing surface.

Reclaiming Concentrate (mix with water and use to remove photo emulsion - Victory Factory, Inc.)

SIDE VIEW



PROCEDURE

Coat screen away from ultraviolet light (sunlight, strong fluorescent). White incandescent lighting is okay.

Experiment with different times and transparencies.

To avoid overheating glass, transparency, and screen (polyester can melt) don't place lamp closer than 18" to glass.

Fluorescent lights may be used in place of a photoflood bulb. For ideas on building inexpensive exposure equipment check out this URL:

<http://www.screenprintingguy.com/exposure-unit/>

Develop and rinse screen in bathtub, shower, large sink, or outside with garden hose (at night only).

Recommended you do a post exposure after developing and drying the screen if the emulsion needs furthering hardening.

For details on mixing inks, troubleshooting, etc. refer to your class handouts.

SUPPLIERS

Most of the companies listed below have online catalogs.

If you aren't sure about the source for a particular item we've used in class, contact me.

Polyurethane Squeegees

Createx Pure Pigments

Createx Lyntex Medium

Plastic Jars

Scoop Coater

Speedball Cast Hinge Clamps

Renaissance Graphic Arts, Inc.

69 Steamwhistle Drive, Ivyland, PA 18974

voice (888) 833-3398 fax (215) 357-5258

<http://www.printmaking-materials.com>

email pat@printmaking-materials.com

I use this company more than any other.

Ulano LX-660 Emulsion

Pre-stretched Aluminum Frames

Web Pallet Spray Adhesive #385

Screen Reclaimer Concentrate

Hinge Clamp Set

Victory Factory, Inc.

184-10 Jamaica Ave.

Hollis, NY 11423

<http://www.victoryfactory.com/>

victoryfactory@gmail.com

Voice 800-255-5335 Fax 718-454-7640

Paper and Dura-Lar

Dick Blick Art Materials

<http://www.dickblick.com/>

P.O. Box 1267

Galesburg, IL 61402-1267

Phone (800) 828-4548 Fax (800) 621-8293

Registration Pins

Takach Press Corporation

3207 Morningside NE Albuquerque, NM 87110

voice (505) 881-8670 fax (505) 888-6988

<http://www.takachpress.com/>