

(Please Print) Scout's Name _____ Phone _____ Class Time _____
 Address _____ City _____ Zip _____

**Graphic Arts
 Requirements Sheet
 Merit Badge Powwow 2009**

The scout is to read the **Graphic Arts Merit Badge pamphlet before the Powwow** (2006 edition or later). Some requirements may take up to 90 days to complete before coming to the Powwow. Read all the requirements below and bring necessary items to guarantee passing off the merit badge on the day of the Powwow. Bring to class paper, pen or pencil, and any other items asked for. Write your name, merit badge and class time (9:00 or 1:00) on **every** paper or project. (If there are any questions pertaining to requirements, the most recent Boy Scout Requirements handbook will always be used).

Recommended Requirments to complete before Powwow

Completed:

- 6. Identify three career opportunities in graphic arts and tell how you can prepare for them.
- 3. Design a printed piece (flier, T-shirt, program, form, etc.) and produce it. Explain your decisions for the typeface or typefaces you use and the way you arrange the elements in your design. Explain which printing process is best suited for printing your design. If desktop publishing hardware and software are available, identify what hardware and software would be appropriate for outputting your design.
- 4. Produce the design you created for requirement 3 using one of the following printing processes:
 - a. **Offset lithography**
 Make a layout and then produce a plate using a process approved by your Scout Master. Run the plate and print at least 50 copies.
 - b. **Screen process printing**
 Make a hand-cut or photographic stencil and attach it to a screen that you have prepared. Mask the screen and print at least 20 copies.
 - c. **Electronic/digital printing**
 Make a layout in electronic form, download it to the press or printer, and run 50 copies. If no electronic interface to the press or printer is available, you may print and scan a paper copy of the layout.
 - d. **Relief printing**
 Prepare a layout or set the necessary type. Make a plate or lock up the form. Use this to print 50 copies.

6		
	Signature of counselor	Date
3		
	Signature of counselor	Date
4		
	Signature of counselor	Date



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Requirments that will be passed off at the Powwow

1. Review with your counselor the processes for producing printed communications: offset lithography, screen process printing, electronic/digital, relief, and gravure. You may show samples or draw diagrams to help with your description.
2. Explain the difference between continuous-tone, line, and halftone artwork. Describe how it can be created and/or stored in a computer.
5. Review the following post press operations with your counselor:
 - a. Discuss the finishing operations of padding, drilling, cutting, and trimming.
 - b. Collect, describe, or identify examples of the following types of binding: perfect, spiral, plastic comb, saddle stitched, and case.
7. Do the following, and then Discuss the highlights of your visit with your counselor:
 - a. Visit a school's graphic arts program: Find out what courses are available and what the prerequisites are.

Completed:

1 _____
Signature of counselor Date

2 _____
Signature of counselor Date

5 _____
Signature of counselor Date

7 _____
Signature of counselor Date

