



Scoutmaster Bucky GRAPHIC ARTS Merit Badge Workbook

www.ScoutmasterBucky.com

SCOUT'S INFORMATION	MERIT BADGE COUNSELOR INFORMATION
<p>Name _____</p> <p>Phone _____</p> <p>Organization _____</p>	<p>Name _____</p> <p>Address _____</p> <p>City State Zip _____</p> <p>Phone _____</p> <p>Mobile _____</p> <p>Email _____</p>
WORKBOOK INFORMATION	
<p style="text-align: center;">Scoutmaster Bucky Workbook based off of <i>Boy Scout Requirements</i> – 2018 Edition</p> <p style="text-align: center;">Visit www.ScoutmasterBucky.com for more information.</p>	
REQUIREMENT 1A: REVIEW WITH YOUR COUNSELOR THE PROCESSES FOR PRODUCING PRINTED COMMUNICATIONS:	
OFFSET LITHOGRAPHY:	
SCREEN PRINTING:	



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ELECTRONIC / DIGITAL:

RELIEF:

GRAVURE:



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REQUIREMENT 1A:

COLLECT SAMPLES OF THREE PRODUCTS, EACH ONE PRODUCED USING A DIFFERENT PRINTING PROCESS, OR DRAW DIAGRAMS TO HELP YOU WITH YOUR DESCRIPTION.

Product 1:

Product 2:



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Product 3:

REQUIREMENT 2A:

EXPLAIN THE DIFFERENCES BETWEEN CONTINUOUS TONE, LINE, AND HALFTONE ARTWORK

Continuous tone:



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Line:

Halftone:



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REQUIREMENT 2:

DESCRIBE HOW DIGITAL IMAGES CAN BE CREATED AND/OR STORED IN A COMPUTER.

REQUIREMENT 3:

DESIGN A PRINTED PIECE (FLIER, T-SHIRT, PROGRAM, FORM, ETC.) AND PRODUCE IT.

This requirement does not require any workbook entry.
Make sure you have your printed piece with you to share with your counselor

REQUIREMENT 3:

EXPLAIN YOUR DECISIONS FOR THE TYPEFACE OR TYPEFACES YOU USE AND THE WAY YOU ARRANGE THE ELEMENTS IN YOUR DESIGN.



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REQUIREMENT 3:

EXPLAIN WHICH PRINTING PROCESS IS BEST SUITED FOR PRINTING YOUR DESIGN.

REQUIREMENT 3:

IF DESKTOP PUBLISHING IS AVAILABLE, IDENTIFY WHAT HARDWARE AND SOFTWARE WOULD BE APPROPRIATE FOR OUTPUTTING YOUR DESIGN.



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REQUIREMENT 4: PRODUCE THE DESIGN YOU CREATED FOR REQUIREMENT 3 USING ONE OF THE FOLLOWING PRINTING PROCESSES:

DO ONE OF THE FOLLOWING (4A, 4B, 4C, OR 4D) IN REQUIREMENT 4

REQUIREMENT 4A: OFFSET LITHOGRAPHY MAKE A LAYOUT, AND PRODUCE A PLATE USING A PROCESS APPROVED BY YOUR COUNSELOR. RUN THE PLATE AND PRINT AT LEAST 50 COPIES

Counselor's Name	Phone
Counselor's Signature	Date <input type="checkbox"/> approved

This requirement does not require any workbook entry.
 Make sure you have counselor approval before beginning work on your plate
 Bring your approved completed work for review with the counselor along with the 50 copies you produce

REQUIREMENT 4B: SCREEN 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.

This requirement does not require any workbook entry.
 Bring your stencil and screen along with 20 copies to share with the counselor

REQUIREMENT 4C: ELECTRONIC / DIGITAL PRINTING CREATE 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

This requirement does not require any workbook entry.
 Bring your 50 copies or paper copy with to share with the counselor

REQUIREMENT 4D: RELIEF PRINTING PREPARE A LAYOUT OR SET THE NECESSARY TYPE. MAKE A PLATE OR LOCK UP THE FORM. USE THIS TO PRINT 50 COPIES

This requirement does not require any workbook entry.
 Bring your 50 copies with to share with the counselor



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REQUIREMENT 5A:

DISCUSS THE FINISHING OPERATIONS OF PADDING, DRILLING, CUTTING, AND TRIMMING.

Padding:

Drilling:



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Cutting:

Trimming:



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REQUIREMENT 5B: COLLECT, DESCRIBE, OR IDENTIFY EXAMPLES OF THE FOLLOWING TYPES OF BINDING:

Perfect:

Spiral:



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Plastic comb:

Saddle Stitched:



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Case:



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DO ONE OF THE FOLLOWING (6A, 6B, 6C, OR 6D) IN REQUIREMENT 6

REQUIREMENT 6A: VISIT A NEWSPAPER PRINTING PLANT: FOLLOW A STORY FROM THE EDITOR TO THE PRESS, AND THEN DESCRIBE THE HIGHLIGHTS OF YOUR VISIT.

Facility: _____

Location: _____

Date and time of Visit: _____

Notes:



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REQUIREMENT 6B:

VISIT A RETAIL, COMMERCIAL, OR IN-PLANT PRINTING FACILITY: FOLLOW A PROJECT FROM BEGINNING TO END, AND THEN DESCRIBE THE HIGHLIGHTS OF YOUR VISIT.

Facility: _____

Location: _____

Date and time of Visit: _____

Notes:



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REQUIREMENT 6C:

VISIT A SCHOOL'S GRAPHIC ARTS PROGRAM: FIND OUT WHAT COURSES ARE AVAILABLE AND WHAT THE PREREQUISITES ARE, AND THEN DESCRIBE THE HIGHLIGHTS OF YOUR VISIT.

Facility: _____

Location: _____

Date and time of Visit: _____

Notes:



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REQUIREMENT 6D:

VISIT THREE WEB SITES (WITH YOUR PARENT'S PERMISSION) THAT BELONG TO GRAPHIC ARTS PROFESSIONAL ORGANIZATIONS AND/OR PRINTING-RELATED COMPANIES (SUPPLIERS, MANUFACTURERS, PRINTERS). WITH PERMISSION FROM YOUR PARENT OR COUNSELOR, PRINT OUT OR DOWNLOAD PRODUCT OR SERVICE INFORMATION FROM TWO OF THE SITES, AND THEN DESCRIBE THE HIGHLIGHTS OF YOUR VISIT.

Parent's Name _____

Phone _____

Parent's Signature _____

Date _____

approved

WEBSITE #1:

Product or Service information downloaded and printed from this website.



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WEBSITE #2:

Product or Service information downloaded and printed from this website.

WEBSITE #3:

Product or Service information downloaded and printed from this website.



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REQUIREMENT 7:

FIND OUT ABOUT THREE CAREER OPPORTUNITIES IN GRAPHIC ARTS. PICK ONE AND FIND OUT THE EDUCATION, TRAINING, AND EXPERIENCE REQUIRED FOR THIS PROFESSION. DISCUSS THIS WITH YOUR COUNSELOR, AND EXPLAIN WHY THIS PROFESSION MIGHT INTEREST YOU.

Career Opportunity #1:

Career Opportunity #2:

Career Opportunity #3:

Selected Graphic Arts Profession:

Educational Requirements:

Training Requirements:

Experience Requirements: