Student Name: **Date:**

Can I Print This?

OBJECTIVE

Given a lecture notes worksheet, the student will understand the following objective:
1. Understand the history of printing.
2. Complete projects by using the information above.

Lecture Notes Worksheet

Printing History

The first origins of printing were s_____ used to "sign" official documents back as early as 255 BC.

Who did this?

The H_____ Dynasty in China

Why did they do this?

It certified the a_____of a document

BONUS

When was paper invented?
Around _____ AD

Unit Objectives

Students will understand:
1. How printing began
2. Basic offset press parts & operations
3. Press room safety
4. Advantages & disadvantages of digital printing
5. The use & applications for digital printing
6. The main technologies & equipment used in digital printing
7. The importance of the commercial artists understanding the limitations of offset & digital printing
8. The different applications of web & offset printing.

The Ultimate Goal

Design & Printing 1 color notepads.

Early Graphic Communication

Printing has under gone several changes through the years.

Early methods of graphic communications has been found in p_____,
i_____, and p_____ s_____.

Pictographs are drawings that carry meaning because they look like the real
o_____. An example of this is early cave paintings.

Ideograph are drawings which symbolized an i_____ or c_____ rather than an object. Chinese writing is an example of this.

Phonetic symbols, which is what our modern day alphabet is derived from, are symbols that represent s
. When, these symbols are combined properly, words are produced.

Scribes and Printing

After the invention of the alphabet, b_____ naturally were developed.

S_____ were responsible for coping every word & every page in a book.

Gutenberg & a wine press

In the mid 15th century m_____ t_____ was introduced. J_____
G_____ created the very first printing press from an old wine press. This allowed mass book production quickly. Scribes couldn't copy the books fast enough.

Printing Today

Printing technology has came a long way since then.

When we refer to p_____, we're talking about a process of manufacturing multiple copies of graphic images.

5 major printing processes

1. R_____
2. I_____ (G_____)
3. S_____
4. L_____
5. E_____

Relief printing is producing an image from a r_____surface.

Intaglio images are transferred from a s_____ surface. The industrial name for this is Gravure.

Screen printing transfers an image by allowing ink to pass through openings in a stencil that has been applied to a s_____ mesh.

A lithographic image is produced from a f_____ surface.

Electrostatic printing involves creating an image by e_____ charging areas of a special drum. As a result, the drum attracts a dry or liquid toner & the toner is fused to the paper.

Printing cycle

I_____ a need
C_____ an image
R_____ the image
D_____ the printed image

Steps in the printing process

Image d_____
Image g_____
Image c_____
Image a_____
Image c_____ p_____
Image t_____
F_____

Steps for creating your own relief plate

Materials Provided by Instructor: Paper, Chipboard, Spray adhesive, Foam
Materials Provided by Student: The design & a pen/pencil

1. Decide on a design.
2. Draw the design on the white paper provided.
3. Place the paper with the design onto your foam.
4. Trace over the design. (This will leave an indention in your foam.)
5. Using the light tables in the print lab, cut your design out.
   Art knives are provided.
6. Glue the design on to the chip board.

Steps for printing your own relief plate

Materials Provided by Instructor: Paint, Paper, brushes, plates
Materials Provided by Student: The design & a pen/pencil

1. Choose a color.
2. Write your name on the back of the paper your about to print.
3. Use a foam brush and brush the paint evenly on the foam design.
4. Place the design (design down) on the paper.
5. Press on the back of the design. Gently now.
6. Gently remove the design.
7. Let it dry.
8. Fill out project sheet.

Can I Print This?

PROJECT: RELIEF PRINTING

Name _____ Date _____ Block/Day _____

	WORTH	YOUR SCORE	FINAL SCORE
• Follow directions for elements of design?			
drew design	8 points	_____	_____
used elements of design	8 points	_____	_____
used principles of design	8 points	_____	_____
• Creativity/effort?			
used lines/shapes effectively	8 points	_____	_____
used color effectively	8 points	_____	_____
creative combinations	8 points	_____	_____
• Quality of the Layouts?			
neatly done *[no wrinkles, smudges]*	5 points	_____	_____
followed directions	10 points	_____	_____
• Included needed items?			
project sheet	2 points	_____	_____
Stamp/Printed design	2 points	_____	_____
completed critique *[put thought into it, detailed]*	2 points	_____	_____
• Met deadline?	10 points	_____	_____
• Bonus?	15 points	_____	_____
TOTAL POINTS	100 points	_____	_____

I was/wasn't pleased with my results because_____

_____

_____

Did I achieve a quality relief print? Why/why not?_____

_____

_____

Is the layout good? Why/why not? _____

_____

This assignment helped me to understand _____

_____

COMMENTS (for instructor use only):