



\_\_\_\_\_  
Pathfinder's Name

## Printing

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1. Know how the following printing devices work:

Web press \_\_\_\_\_  
\_\_\_\_\_

Offset press \_\_\_\_\_  
\_\_\_\_\_

Photocopy machine \_\_\_\_\_  
\_\_\_\_\_

Letterpress \_\_\_\_\_  
\_\_\_\_\_

2. Know what the reference of pound means in determining the weight of paper.

\_\_\_\_\_  
Know what the following paper types are used for:

Offset \_\_\_\_\_

Bond \_\_\_\_\_

Coverweight \_\_\_\_\_

Index \_\_\_\_\_

3. Tour a print shop or newspaper company.

Shop/company toured \_\_\_\_\_

Write a 300-word report or give a three-minute oral report on the steps taken in the printing process that you observed.

- 4. Do some research to learn about the history of printing. Trace the development of printing by learning how printing presses have progressed to the present.
- 5. Know the different inks available for printing and their characteristics.

Inks	Characteristics
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

- 6. Know the meaning of the following terms:

Backing up \_\_\_\_\_

Blanket \_\_\_\_\_

Bleed \_\_\_\_\_

Boldface \_\_\_\_\_

Camera ready art \_\_\_\_\_

Caption \_\_\_\_\_

Clip art \_\_\_\_\_

Collate \_\_\_\_\_

Color separations \_\_\_\_\_  
\_\_\_\_\_

Contact print \_\_\_\_\_  
\_\_\_\_\_

Debossing \_\_\_\_\_  
\_\_\_\_\_

Embossing \_\_\_\_\_  
\_\_\_\_\_

Engraving \_\_\_\_\_  
\_\_\_\_\_

Font \_\_\_\_\_  
\_\_\_\_\_

Ghosting \_\_\_\_\_  
\_\_\_\_\_

Intaglio \_\_\_\_\_  
\_\_\_\_\_

Jog \_\_\_\_\_  
\_\_\_\_\_

Matte \_\_\_\_\_  
\_\_\_\_\_

Negative \_\_\_\_\_  
\_\_\_\_\_

Paste-up \_\_\_\_\_  
\_\_\_\_\_

Register \_\_\_\_\_  
\_\_\_\_\_

Set-Off \_\_\_\_\_  
\_\_\_\_\_

Show Through \_\_\_\_\_  
\_\_\_\_\_

Thermography \_\_\_\_\_  
\_\_\_\_\_

Water mark \_\_\_\_\_  
\_\_\_\_\_

Work and turn \_\_\_\_\_  
\_\_\_\_\_

- 7. Know the difference between half-tones, duo-tones, and the four-color process.

Half-tones \_\_\_\_\_

Duo-tones \_\_\_\_\_

Four-color process \_\_\_\_\_

- 8. Interview a printer to find out the following:

What education is needed to get into the printing field?

\_\_\_\_\_  
\_\_\_\_\_

What advancement opportunities are available in printing?

\_\_\_\_\_  
\_\_\_\_\_

What does the future hold for the printing industry?

\_\_\_\_\_  
\_\_\_\_\_

What do you do in your business to keep customers happy?

\_\_\_\_\_  
\_\_\_\_\_

What career opportunities related to printing are available?

\_\_\_\_\_  
\_\_\_\_\_