

# PRINT TECHNOLOGY: HISTORY & PRINTMAKING TYPES LESSON PLAN

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## LESSON SUMMARY

This lesson is meant to educate students about the history of printing and the different types of printmaking. Depending on the level of interaction and discussion with class participants, this lesson can last 45-55 minutes.

**OBJECTIVE:** Upon completion of these materials, students will know the basics of printing and the process, including historical methods, and print making types.

### **MATERIALS AND RESOURCES NEEDED:**

- Print Technology - History and Printmaking video
  - Run time: 10 minutes
- Student internet access for test

## INSTRUCTIONAL VIDEO OUTLINE

- Printing: *What is it?*
  - Reproducing text and images
  - Includes: design, finish, binding
- Evolution of Printing
  - Hand Drawings using a scriptorium and Illuminator
  - Rolling an imprint onto clay tablets
  - Stamping on cloth or wood
  - Woodblock printing
  - Printing press
  - Offset lithography
  - Offset printing press
  - Chromolithography
  - Color-separation technique
  - Four-color wet ink process
  - Digital presses or printers
- Print Making Types
  - Relief Printing
  - Intaglio
  - Lithography
  - Serigraphy
  - Monotype
- Careers in printing

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**ACTIVITY:**

• **Classroom Discussion:**

- Discuss in more depth the history of printmaking as it has changed over the course of time. Possible topics to discuss:
  - What types of materials were likely made using a scriptorium and illuminator and who may have had access to them? i.e., books, playwrights, historical records, etc.
  - What kinds of things or events may have helped contribute to the need to find better ways to mass-produce prints? i.e., distribute information, mass-produce books, a way to circulate news, create libraries, publish, and share scientific findings and experimental data, etc.
- Ask students to describe the difference between Digital Printing and Offset Printing and explain the benefits of using each.

**LESSON EVALUATION:**

Students complete Print Technology History and Printmaking test on [MyCareerTech.com](http://MyCareerTech.com)