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## GUIDED NOTES

### PRINT TECHNOLOGY PART I: HISTORY AND TYPES

**Directions:** Complete these notes as you watch the MyCareerTech “Print Technology Part I: History and Types” video.

#### Introduction

1. Printing is the process for \_\_\_\_\_ text and images, typically done with ink on paper using a printing press, but also includes \_\_\_\_\_, finish, and the binding of the product.

#### History of Printing

2. Prior to the invention of the printing press, and before the use of an image carrier like printing plates, writings and drawings were done by \_\_\_\_\_.
3. A \_\_\_\_\_ is a special room within monasteries that were dedicated to the hand printing process.
4. In a scriptorium, the scribe would carefully reproduce the text from another book, then an \_\_\_\_\_ would add designs to the pages, leading to the finished product.
5. True / False: Clay, wax, and parchment were all used as an attempt to transcribe manuscripts and books.
6. \_\_\_\_\_ printing was the process of hand carving out entire pages on blocks of wood, which were then inked so they could be copied.
7. The printing press, invented by Johannes Gutenberg, used movable \_\_\_\_\_ type pieces that would press into ink, and then onto paper, which transferred the text or design.
8. Offset lithography is a printing technique in which the inked image on a printing plate is printed on a \_\_\_\_\_ cylinder and then transferred.
9. The Offset Printing Press, invented in England in 1875 by Robert Barclay, used a metal cylinder wrapped in \_\_\_\_\_ that printed the image directly on a metal plate.
10. Chromolithography is a \_\_\_\_\_ -color lithography process that relied on multiple stones for prints.
11. In 1906, the Eagle Printing Ink Company introduced the four-color wet ink process, based around the \_\_\_\_\_ color set.
12. True / False: Offset printing is still used today to mass produce newspapers, magazines, books, and other high quality printed materials.
13. \_\_\_\_\_ presses use advanced inkjet or laser jet technology to transfer ink to paper, producing prints from a digital image for smaller quality and cost-effective print runs.

#### Printmaking Processes

14. Relief printing is the process of printing from a \_\_\_\_\_ surface where the non-image areas have been cut away, like wood blocking, woodcutting, and wood engraving.

