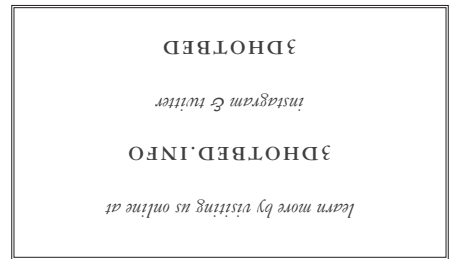
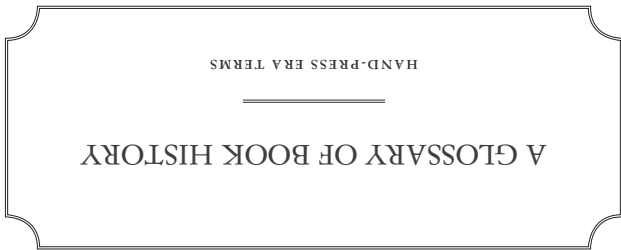


To help us evaluate our 3D printed models for teaching book history and type casting, please complete this short survey: [TINYURL.COM/3DHOTBEDPRINT](https://tinyurl.com/3DHOTBEDPRINT)



MATRIX

A mold for casting a letter, typically a small rectangular block of copper, onto which a letter-shaped cavity has been struck using a punch.

HAND MOULD

A two-part mould used for casting hand-made type. Slid together, the two parts of the mould create a cavity that adjusts for varying letter widths. A type caster inserts a matrix for a specific letter into the hand mould and fills the resulting cavity with molten type metal, creating a piece of type.

FOUNT (or FONT)

A complete set of letters, numerals, and other symbols, cut and cast in the same style and size.

COMPOSING STICK

A handheld tray used by a compositor to set individual pieces of type from the case into a line of type. Multiple complete lines are moved from the composing stick to a galley, creating a complete block of text.

GALLEY

A large long tray onto which lines of type are transferred when the composing stick is full. Complete pages of text are moved from the galley into the forme.

FORME

The arrangement of all fully composed text blocks to be printed on one side of a sheet, arranged and secured in a chase on the bed of the press, ready to be printed.

Lightly visible lines in laid paper caused by the vertical wires of the paper mould displacing fibers during the paper making process.

CHAIN LINES

**This booklet is a quarto.*

DUODECIMO | folded four times to create 16 leaves

OCTAVO | folded three times to create 8 leaves

QUARTO | folded twice to create 4 leaves

FOLIO | folded once to create 2 leaves

The shape and size of a book, determined by how many times the original sheet has been folded to form its constituent leaves.

FORMAT

CHASE

A rectangular-shaped frame in which the complete forms for a sheet is locked for printing using wooden furniture and quoins.

SHEET

A single piece of unfolded, uncut parchment, paper, or similar writing support. During the hand-press era, printing occurred one sheet at a time.

LEAVES

A single sheet of paper (or other writing support), folded in half forms two leaves.

A book constructed of a number of sheets of parchment or paper (or similar materials) folded and nested to form gatherings and bound along one edge. The common form of a book in the Western world after ca. 350 AD.

CODEX

A device for applying pressure to an inked surface resting upon a sheet of parchment, paper, or similar writing support, thereby transferring the ink.

PRINTING PRESS

Period in which books were printed on hand-operated presses using moveable metal type set by hand, roughly between the mid 15th century and the end of the 18th century.

HAND PRESS ERA

MOVEABLE TYPE

A technology and system for printing in which multiple identical copies of individual characters and punctuation marks are created and arranged to compose lines for a page.

PUNCH

A long steel bar with a single character carved in relief on the long end. Cutting a punch is the first step in type design and a long and laborious process. To create an entire fount, the punchcutter must replicate this process for every single letter, character, and punctuation mark in the alphabet.