History of Graphic Design Lecture One Professor Eckler

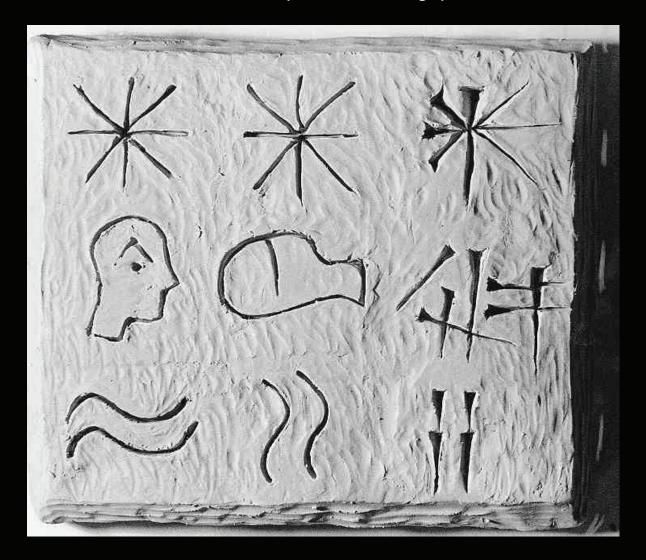
Cave painting from Lascaux, c. 15,000-10,000 B.C. Random placement and shifting scale signify prehistoric people's lack of structure and sequence in recording their experiences.



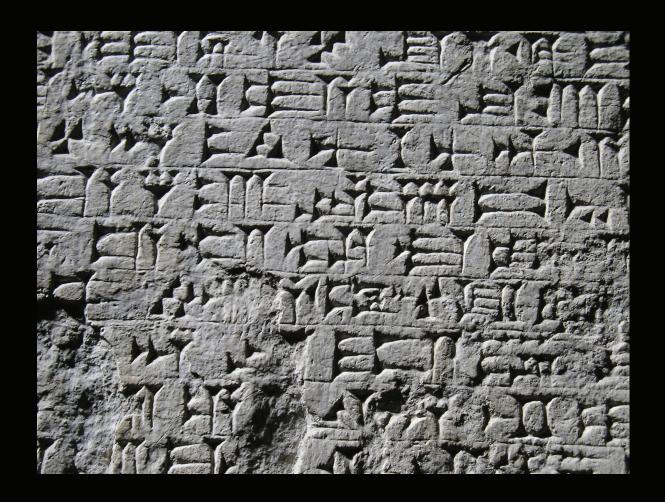
Early Sumerian pictographic tablet, c. 3100 B.C. This archaic pictographic script contained the seeds for the development of writing. Information is structured into grid zones by horizontal and vertical division.



This clay tablet demonstrates how the Sumerian symbols for "star," "head," and "water" evolved from early pictographs. The latter were turned on their side by 2800 B.C. and evolved into the early cuneiform writing by 2500 B.C.



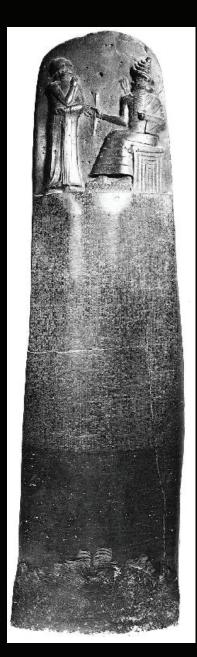
Cuneiform writing in which a triangular-tipped stylus is pushed into the clay instead of being dragged through it.



The Blau Monument, early Sumerian. Etched writing and carved relief figures are combined on this early shale artifact.

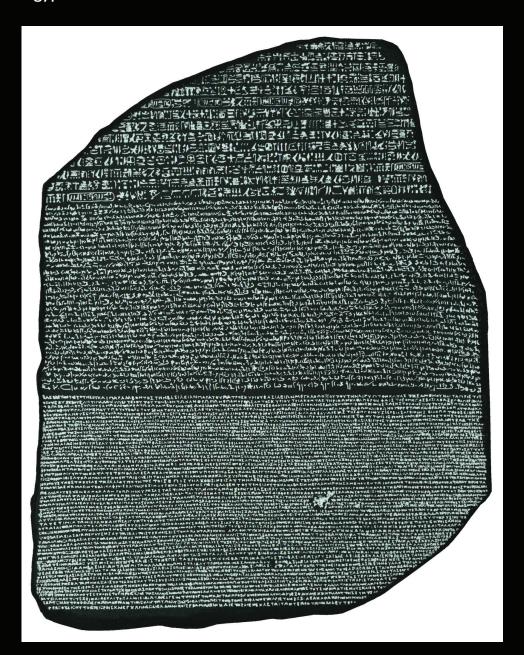


Stele bearing the Code of Hammurabi, which was initially written between 1792 and 1750 B.C.

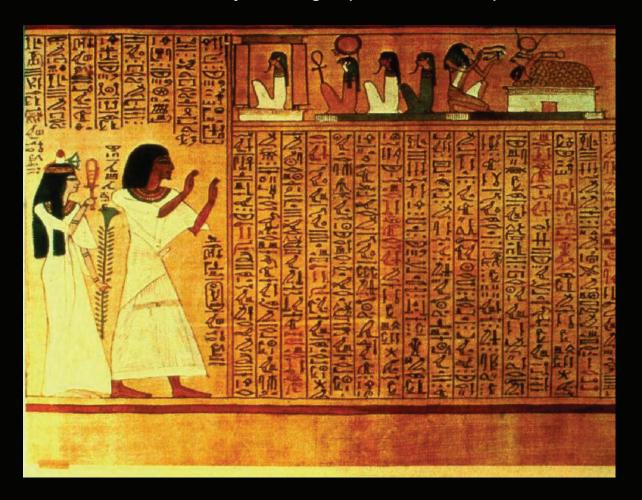




The Rosetta Stone, c. 197-196 B.C. From top-to-bottom, the concurrent hieroglyphic, demotic, and Greek inscriptions provided the key to the secrets of ancient Egypt.



Detail from the Papyrus of Hunefer, c. 1370 B.C. Hunefer and his wife are worshipping the gods of Amenta. The sun god Ra bears an ankh symbol on his knee, and Thoth holds the udjat, the magical protective "sound eye" of Horus.

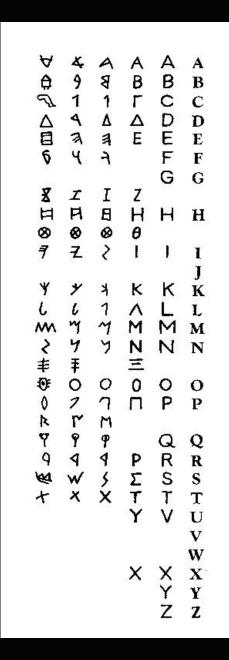


Vignette from the Papyrus of Ani, c. 1420 B.C. Ani, a royal scribe, temple accountant, and granary manager from Thebes, and his wife, Thuthu, arrive for his final judgment.



This diagram displays several evolutionary steps of Western alphabets.

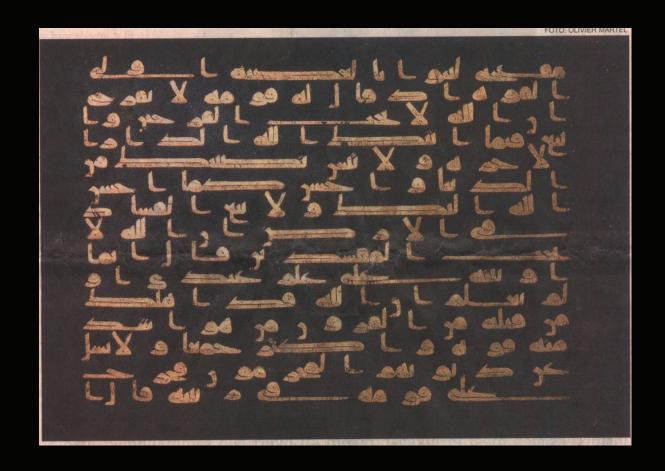
The controversial theory linking early Cretan pictographs to alphabets is based on similarities in their appearance.



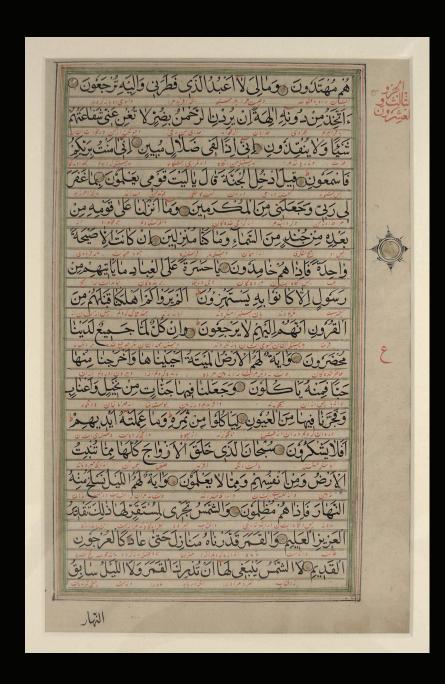
This excellent example of the Greek alphabet shows the symmetrical form and even visual rhythm that evolved. These qualities made the Greek alphabet the prototype for subsequent developments.

TONTRETHY INDEXTMANATOREKYMAN-NTWATEN INKATAKAANAO MANKEIPIAITENAEKEMANKEKAKA TAMENHALKAMAEYATEHBANNEMHNONTANAPONHAEYAE OTKIOF IKKOTOPETTONIAZOTKIMPTPOKLENIOANOEMMETTOE ALDIVIEWWYTHE ELECTONOENLYVE TYLES THE LEST OF THE LES X-JAI-BAPEIATIMOPAAMEY EAAAAHTATEEAAATE MHKETIMEAAETEFTFHTTEMENTETPAONITICAN OXHMACIAEANAPICMONOABONGO PEITENAPHNACHMPPATELE *KH NAPMHAETIK TEMETEPO TEMOTOO PHELEATTER TEACT TO THE THE THANK THE AMENOIN OF ALL OLD TO ME MOST MANA EXEM AREAMINIONANAK TAETMMET POJA FITEKTI TEOMITOAK NYYIK POTOJE Y TYNKED KEOK TO WELL WAS TO WAS THE WOLLEY OF ELIKOLOGE THINK INIHIE LANGUARMET LENELY WAY SOM HELY ELYE WENT TO WATER WANTER IN HEAVIS HOW OF THE PARTY OF THE PA MANASOTHANDIOTEPANNEOIRTMHOIRMOTENATIMAETALEOTTE HEEMS IN COTTELED YOU OLLEIGH BY HEIS LA LANGE KYNAMHAM FAGHTHENANT STATES AFTOT POT PANELALAND PONTANTANTE MAMANKHIYKA NAIDEMAK POGA MANTEINOMIAGIY FTACTIPATOR ATHALAMOTEOFORITETERN-CENTERKAAMOTA PREPLATE NITE PRANCE OF A FRIT MAEKATE MOTTAN BANTHANNES ANT ANT TAND TO THE TOTAL TO STAND AND THE STAN TIMBOLOGMETPOLEPYEMOISTEENAEXAKPOTMATOICKIOAPI. & EZANATEAKEIOHEKTPON PLONTYM NO NOIZAKMOTTÁN CANAMETTOFNMIANTERAEMCAPENINASPETAKA

Kufic characters are bold, elongated, and angular; their aesthetic properties being widely admired.



This manuscript is written in the cursive Naskhi style of Arabic calligraphy.



The controlled brush drawing of the forms on the stone combines with the precision of the stonemason's craft to create letterforms of majestic proportion and harmonious form.



The Chinese writing system is a purely visual language. It is not alphabetical, and every symbol is composed of a number of differently shaped lines within an imaginary square.

| 是我心所願的啊 | 一概是你的直到世世代代這 | 我出惡為的是那國權勢榮耀 | 的樣兒不要由我入迷願你必 | 我求你免我的债照我免人债 | 我們需用的粮食求你今日給 | 意能殼成就在地 如在天一樣 | 敬願你的國圖降臨願你的旨 | 你在天上願你的名兒被人尊 |
|---------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
|---------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|

Natural fibers are soaked in a vat of water and beaten into a pulp. A screen-bottomed, framelike mold is dipped into the pulp solution, taking just enough onto the mold for the sheet of paper.

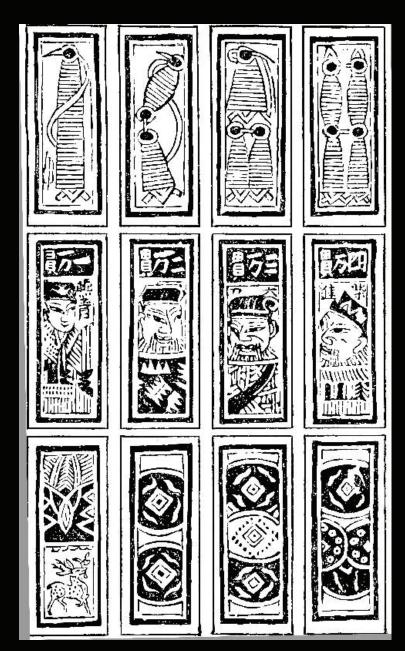


Chinese woodblock print, c. A.D. 950.

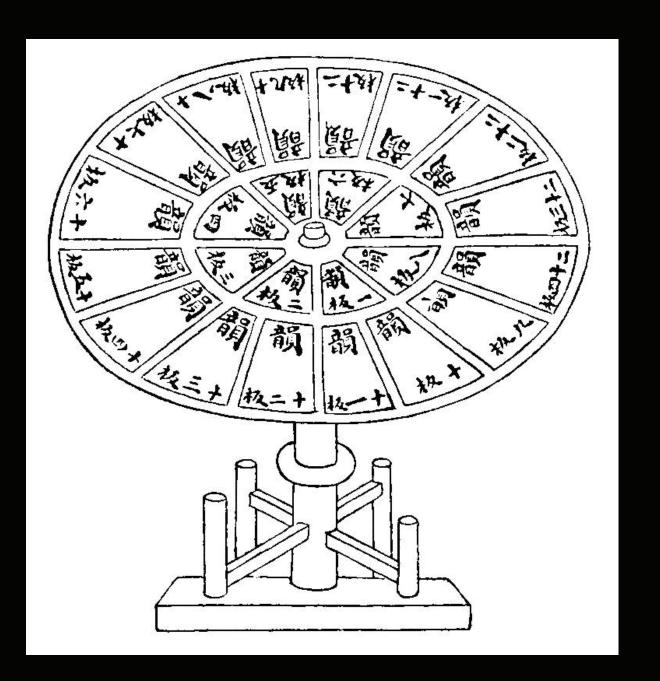
A prayer text is placed below an illustration of Manjusri, the Buddhist personification of supreme wisdom, riding a lion.

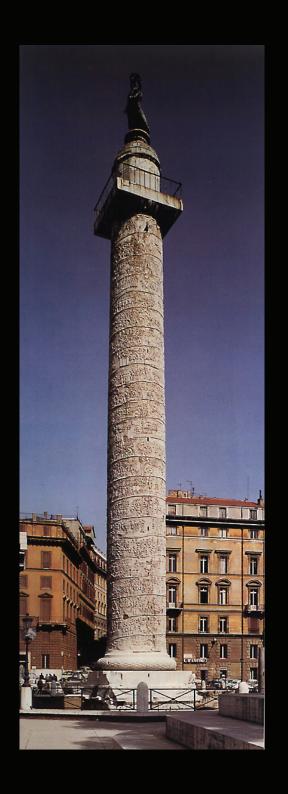


Chinese playing cards, undated. Many of the design conventions used herenumerical sequences of images signifying the suits and the depiction of royaltysurvive in playing cards to this day.

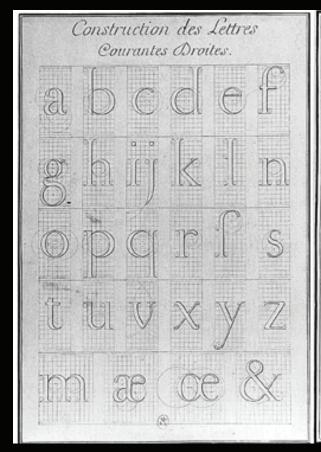


Woodblock image of a revolving typecase, c. A.D. 1313. This quaintly stylized illustration shows the revolving case designed to make typesetting more efficient.

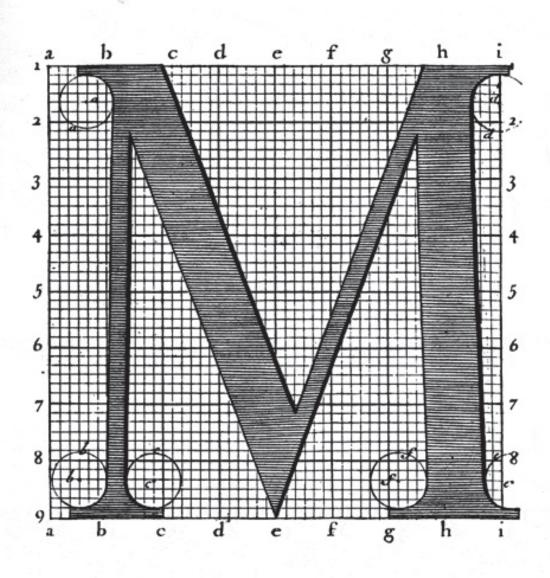




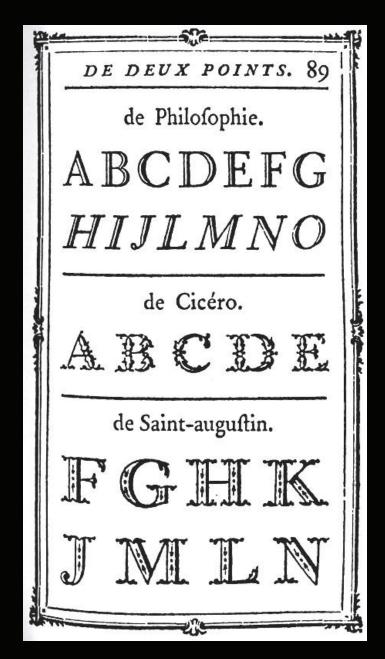
Louis Simonneau, master alphabets for the Romain du Roi, 1695. These copperplate engravings were intended to establish graphic standards for the new alphabet.







Pierre Simon Fournier le Jeune, specimen page of decorative types, 1768. Within each of Fournier's ornamental display letterforms is the structure of a well-proportioned roman letter.





Uphabets,

In all the usual Hands now Bractis'd, Lo.

Engrav'd by Sickham, Sent

The Alphabet is the whole Order of the Letters in any Language 2.—
from Alpha and Beta, the two first Letters in the Greek Tongue.—
The English Alphabet contains twenty six Letters, but others differ—
cin their Number and Form, and vary in their Placing and Writing.—
The Hebren's nrite from the Right Band-to the Left, Others from—
Left to Right, and back again from Right to Left, The Chinese from—
Top to Bottom, and from Right to Left; but the Europeans, and most—
Others, write from Left to Right, without Retrogression to the Left.

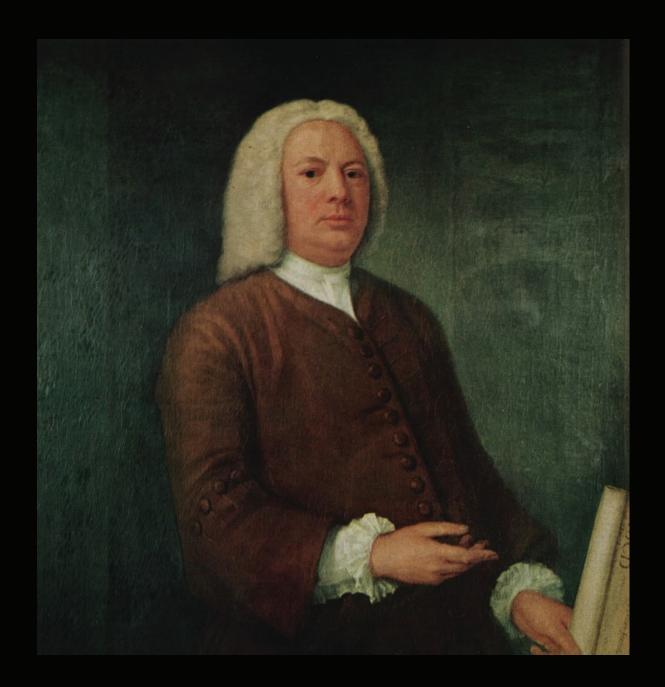
All our English Alphabets are exhibited in the two next Pages.—

non would write both Legible and Fair.

 N^{o} Lп.

G. Bickham Fecil.

MLCCXLI.~



William Caslon, specimens of Caslon roman and italic, 1743. The straightforward practicality of Caslon's designs made them the dominant roman style throughout the British Empire far into the 19th century.

ABCDEFGHIKLMN **OPORSTUVWXYZJ** Quousque tandem abutere, Catilina, patientia nostra? qu Quousque tandem abutere, Catilina, patientia nostra? quam-NICH WENE CHECKER TO THE PROPERTY OF THE PROPERT MANANANANANAN OFFICE FEDRAL CONTROL FOR FE This new Foundery was begun in the Year 1720, and finish'd 1763; and will (with God's leave) be carried on, improved, and inlarged, by WILLIAM CASLON and Son, Letter-Founders in LONDON.



Baskerville, title page for Vergil's Bucolica, Georgica, et Aeneis (Pastorials, Farming, and Aeneis), 1757. Baskerville reduced the design to letterforms symmetrically arranged and letterspaced.

PUBLII VIRGILII

MARONIS

BUCOLICA,

GEORGICA,

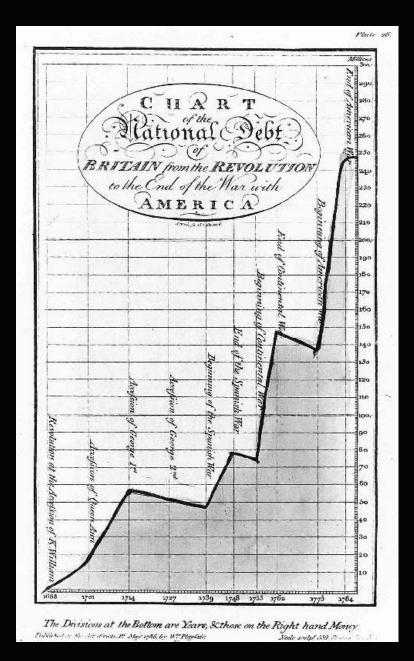
E = T

AE N E I S.

BIRMINGHAMIAE:

Typis JOHANNIS BASKERVILLE.
MDCCLVII.

William Playfair, diagram from Commercial and Political Atlas, 1786. This hand-colored engraving uses a fever chart to depict the impact of wars upon Britain's soaring national debt.



Giambattista Bodoni, title page from Saggio tipografico (Typographic Essay), 1771. The tremendous influence of Fournier le Jeune upon Bodoni's earlier work is evident in this page design.



Designed at the Didot foundry, the typeface used in this announcement for a forthcoming romantic novel is a very early presentation of a true modern-style letterform.

AVIS

AUX SOUSCRIPTEURS

DΕ

LA GERUSALEMME LIBERATA

IMPRIMÉE PAR DIDOT L'AÎNÉ SOUS LA PROTECTION ET PAR LES ORDRES

DE MONSIEUR.

Les artistes choisis par Monsieur pour exécuter son édition de la Gerusalemme liberata demandent avec confiance aux souscripteurs de cet ouvrage un délai de quelques mois pour en mettre au jour la premiere livraison. Il est rarement arrivé qu'un ouvrage où sont entrés les ornements de la gravure ait pu être donné au temps préfix pour lequel il avoit été promis : cet art entraîne beaucoup de difficultés qui causent des retards forcés ; et certainement on peut regarder comme un empêchement insurmontable les jours courts et obscurs d'un hiver long et rigoureux. D'ailleurs la quantité d'ouvrages de gravure proposés actuellement par

Robert Besley (designer, with Thorowgood), specimen of an early Clarendon, 1845. Clarendon styles were wildly popular after their introduction. When the 3 year patent expired, numerous imitations were issued by other founders.

Quousque tandem abutere Catilina, patientia nostra? quamdiu nos etiam furor iste tuus eludet? quem ad finem sese effrenata jactabit audacia? nihilne te nocturnum præsidium palatii, nihilne urbis vigiliæ, nihil timor populi, nihil consensus bonorum omnium, nihil hic munitissimus habendi senatus locus, nihil horum

£1234567890

SALES BY PUBLIC AUCTION.

Vincent Figgins, five lines pica, In Shade, 1815. The first three-dimensional or perspective fonts were fat faces.

ABCDEFGE IJELINOP RSTUVXX.

William Caslon IV, two-line English Egyptian, 1816. This specimen quietly introduced what was to become a major resource for graphic design.

W CASLON JUNR LETTERFOUNDER

Vincent Figgins, two-line Great Primer Sans-serif, 1832. Both the name and wide use of sans-serif typography were launched by awkward black display fonts in Figgins's 1832 Specimens of Printing Types.

TWO-LINE GREAT PRIMER SANS-SERIF.

TO BE SOLD BY AUCTION, WITHOUT RESERVE; HOUSEHOLD FURNITURE, PLATE, CLASS, AND OTHER EFFECTS. VINCENT FICCINS.

Jan Tschihold, brochure for his book *Die neue Typographie*, 1928. This brochure functions as a remarkable didactic example of the principles Tschihold was advocating.



This parade also marks the **116**TH consecutive year a Loon family has lived on Rennie Lake. Please respect their natural habitat and keep a safe distance from our Loon friends at all times.

Thank you.





Eric Gill, page from *The Four Gospels*, 1931. Descending type sizes, all capitals on opening lines, unjustified right margins, and initial capitals integrated with illustrations are forged into a unified whole.

ORASMUCH AS MANY HAVE TAKEN IN HAND
TO SET FORTH IN ORDER A DECLARATION OF
THOSE THINGS WHICH ARE MOST SURFLY BELIEVED AMONG US, EVEN AS THEY DELIVERED
them unto us, which from the beginning were eyewitnesses,
and ministers of the word; It seemed good to me also, having
had perfect understanding of all things from the very first,
to write unto thee in order, most excellent Theophilus, That
thou mightest know the certainty of those things, wherein
thou hast been instructed.



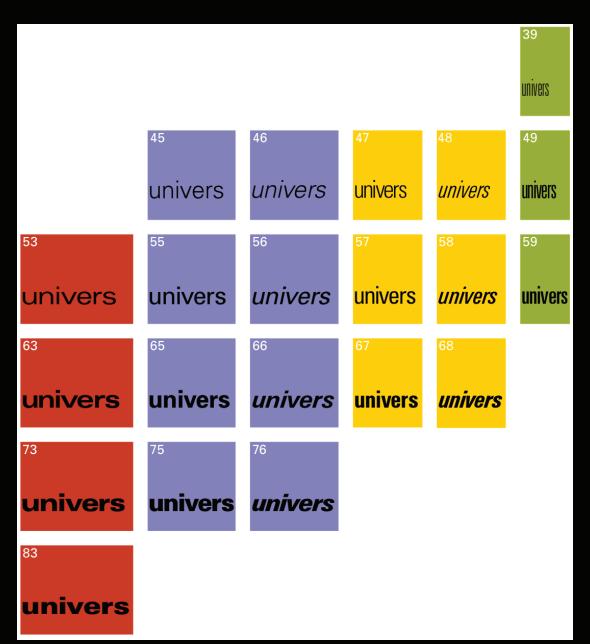
THE KING OF JUDÆA, A CERTAIN PRIEST NAMED ZACHARIAS, OF THE COURSE OF ABIA: AND HIS WIFE WAS OF THE DAUGHTERS OF Aaron, and her name was Elisabeth. And they were both righteous before God, walking in all the commandments and

Designed in 1927-1930 the extensive range of sizes and weights provided vigorous contrasts for printers and designers who adopted the new typography.

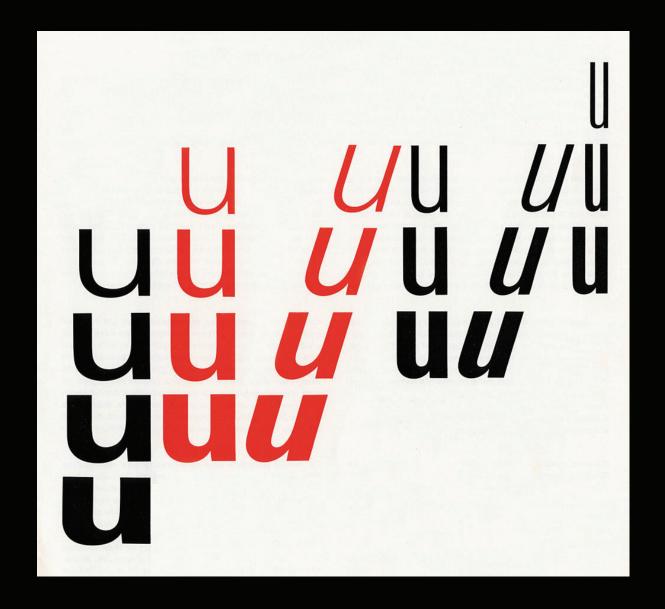
Futura Aa Qq Rr Aa Qq Rr Zuführung abcdefghijklm nopqrstuvwxyz 0123456789 Stanley Morison (typographic advisor), the *London Times*. Even the 120-year old masthead fell victim to the redesign that introduced Times New Roman.



Adrian Frutiger, schematic diagram of the twenty-one Univers fonts, 1954. Frutiger systematically altered the forms of fonts located on the chart above, below, and to the left and right of Univers 55.



Composition with the letter u. All twenty-one variations of Univers can be used together to achieve dynamic contrasts of weight, tone, width, and direction.



Edouard Hoffman and Max Miedinger, Helvetica typeface, 1961. The basic version of Helvetica was released by the Stempel foundry in 1961.

A Brief History of Helvetica

Helvetica was developed in 1957 by Max Miedinger with Eduard Hoffmann at the Haas'sche Schriftglesserei (Haas type foundry) of Münchenstein, Switzerland. Haas set out to design a new sans-serff typeface that could compete with Akzideru-Grotesk in the Swiss market. Orignally called Die Neue Haas Grotesk, it was created based on Schetter-Grotesk. The aim of the new design was to create a neutral typeface that had great clarity, had no intrinsic meaning in its form, and could be used on a wide variety of singans.

ABCDE FGHIJK LMNOP QRSTU VWXYZ

The quick brown fox jumps over the lazy dog.
The quick brown fox jumps over the lazy dog.
The quick brown fox jumps over the lazy dog.
The quick brown fox jumps over the lazy dog.

Dietmar Winkler, poster for a computer programming course, 1969. The term COBAL emerges from the kinetic construction of modular letters.

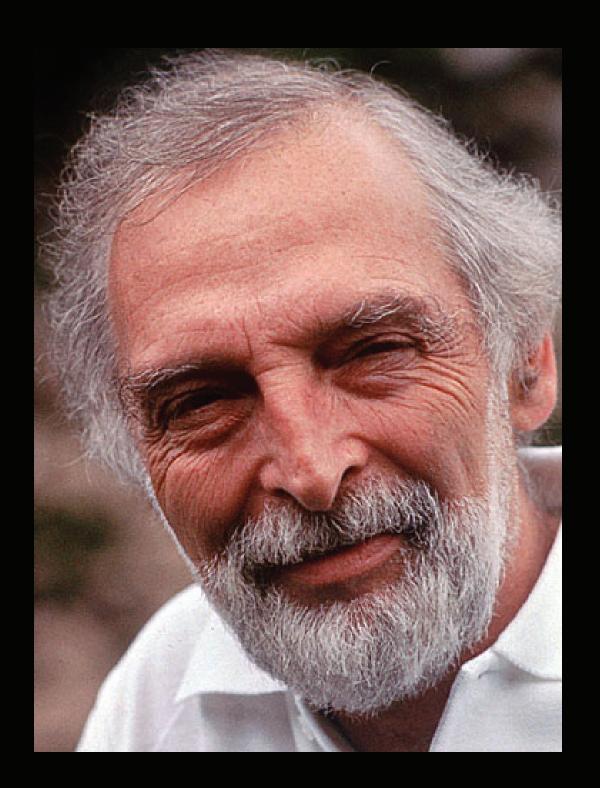


Arnold Saks, "Inflatable Sculpture" poster for the Jewish Museum, 1968. A sequence of bars bending upward signifies the action of energy upon pliable materials and graphically conveys the essence of the subject.





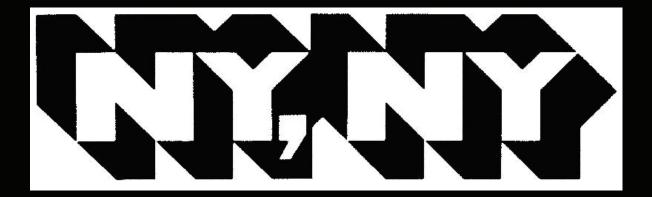




Herb Lubalin, typogram from a Stettler typeface announcement poster, 1965. Marriage, "the most licentious of human institutions," becomes an illustration through the joined Rs.



Herb Lubalin, proposed New York City logo, 1966. Isometric perspective creates a dynamic tension between two- and three-dimensionality while implying the city's high-rise architecture.





Herb Lubalin, cover for U&lc. 59 typographic elements, 7 illustrations, and 12 rules—a total of 78 separate elements—are integrated into an information-filled page.



Typography and the New Technologies A retrospective by Aaron Burns of the development of the emerging technologies in the 20th Century;

the challenges, the opportunities. Information, Please

computerized system that can help you find out everything about anybody or anythingthat was reported in a newspaper or magazine.

Stop the "Perpetrators"

A scathing indictment by Edward Rondthaler of the unscrupulous typeface design pirate companies which unconscionably copy for cut-rate sale the original work of creative artists.

What's so Hot about Robert Indiana?

New York Times Art Critic John Canaday with some biting observations on the work of this painter, with a comparison by a graphic designer of how 'love' really should be

Art and Typography

Willem Sandberg, former Director of Amsterdam's Stedelijk Museum, considers the function of the artist in society and in the shaping of new communications

Presenting the story behind this ITC typeface, how it came to be designed by Herb Lubalin, and why he thinks maybe it should never have happened.

My Best with Letters

Four famous designers offer their one "best" piece of typographic art.

Young Typography

Featuring each issue the best, the most unusual, the most significant work being done by students

The Spencerian Revival

Tom Camase, one of the foremost designers of letterforms, has created a trend back to Spencerian through his artful handling of this script form.

Corporate Design is Big Business

And small business. Both are finding that the image they present to the public is becoming more and more a factor in their successful growth. The first article on corporate design is by Lou Dorfsman, Design Director, Columbia Broadcasting System. The second by Ernie Smith, Proprietor of Port Jerry, a rustic resort.

A Satire of Newspaper Logos
The prominent illustrator and satirist, Chas. Slackman, depicts his graphic impressions of the nature of some of our most prominent newspapers through the redesign of their logotypes.

Ed Sorel, one of America's foremost satirists, expresses his views on the subject of non-communication in no uncertain terms. These fascinating drawings will be a regular feature in "U&lc."

What's New from ITC

A first-time showing of the newest creations of typeface designers to be offered by ITC to the world buying public through ITC Subscribers.















Typography and the **New Technologies**



I met became consistent on their mine culties when I noticed that the people who appeared in their layouts never had hands or feet. Hands always seemed to be behind peoples' backs or in peokets. Feet were always out of view, either be-hind a deak, or the people were cropped

hind a deas, or the people we ecopya-ted the waist or knees.

People, however, do have hands and feet, and very often they mast be shown. The advertisements created by these stu-dents very often suffered as a result of these simple but important bandicaps.

Stop the



This criticis has been inbelied "Bop the Perpeteiten" for good resion. The claims is grantless that could be grantless to the claims is grantless to the claims is grantless to the provides against or photocompleted depletion of the mochanism most risk part the photocompleted depletion of the throughtened control of programs and the providess of these criticion requirem has prophila installess than the control of the prophila of the prophila installess than the control in a prophila installess own in large referred, centrol-lies, the disease of the demonstrating elect it is notified on entered the demonstrating and the demonstrating on the industry's large control is a being on the industry's large control is an early endeaving or celling for the concerned effort of all, list more about that later, here is the book ground.

Information, Please



engine? White was the Annothing as microensconducted? White was sended Decider Company build a steel transfer in Nursio? Whit I did secretary violage sign a transportation research agreement with the Polish Government? HOW did Anno Matchell come to blow the whole on the Violengore?

What's so Hot about Robert Indiana?



"What's he got that we haven' (" they want to know." Look," they say, "we turn out designs like the-only better-every day in the week." "What's so special about Robert Indiana?" What indeed. I was radiling this over the other day when I came across an article by "New York Times Art Critic, John Crandoly was exploring this very Idea. He d' just been to a necent now achibition at the Drines Here tiddle."

gotten over it yet. For the uninitiated, Robert Indiana is the creator of LOVE, that cleverly-arranged four

art and typography

let us consider first the function of the artist in society, the men who handle the artique furniture in my mute

the men who handle the cartique furniture in my makeum have developed to accordingly of their own when they specifi styles, they call bus XV lous with the histed legs lous XV lous with the book legs lous XV lous with the book legs lous XV lous with the society of the loud legs lous XV lous with the society of the loud legs lous XV lous with the society of the loud legs lous XV lous with the society of the loud legs lous the length who extend fines to the two she dank the cutrients. The passes and soutplots the insection and the ordinary who seed to model the existing of the exposition of the control who less the ordinary who less the the exposition of the loud of a commany period visible, auditate, perceptible.

the orac recepts the face of society his work enables us to rentine the past to cire on example, the pastings and pastes of routiouse lourier are for us the incompation of past around \$900. Those does this committee of past around \$900.