

#### What's the purpose of design?

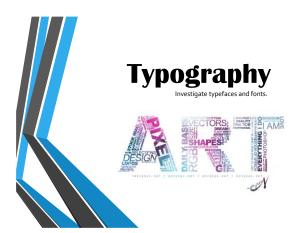
- To grab the reader's attention
- Accomplished through:
  - Typography
  - Design Principles
  - Design Elements

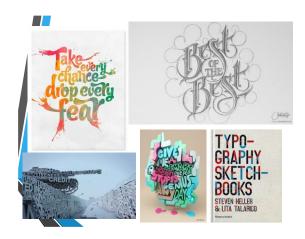


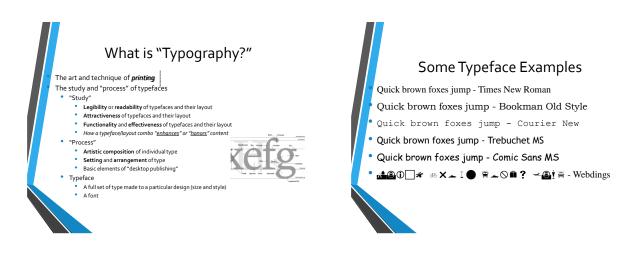
#### Something to think about...

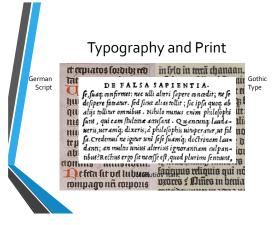
"When pictures and words pull in opposite directions and the poor reader doesn't get any message at all, he simply turns the page."

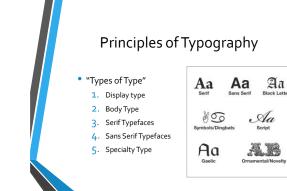
> John Newcomb, Author Book of Creative Problem Solving

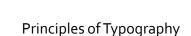








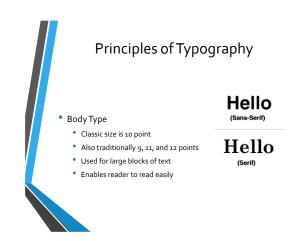




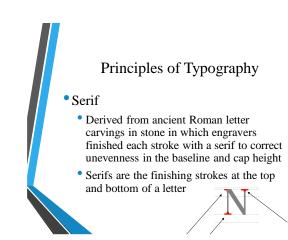
#### • Display Type

- Larger type, 18 points and above
- 18, 24, 30, 36, 48, 60, 72
- Used in display pieces (posters, flyers, covers)
- Also used in titles, headlines, and headings

Dr. Codone is a Great Teacher! = 28 pts bold Dr. Codone is a Great Teacher! = 18 pts bold



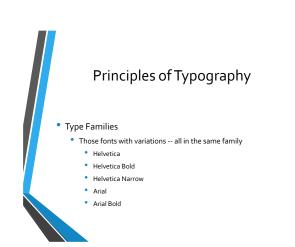


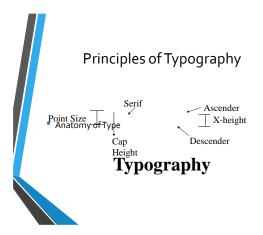


Principles of Typography
Sans Serif
Sans means "without" Eront Eack
Plain, unadorned letters
Arial
Think "Sans-A-Belt" District Serifs
Sans Serifs
Plain, unadorned letters
Arial
Think "Sans-A-Belt" District Serifs
Serif

### Principles of Typography

- Specialty Typefaces
  - Script--imitate calligraphy
  - Comic Sans
  - Novelty
  - Special Sets (Wingdings, etc)









#### Symbol Typefaces

Use decorative pictures or symbols instead of characters
Allows the user to use a symbol to convey the message

- without importing a graphic
  Example: Webdings ▶ in ♣ ♥ ① ■ ?
- Can be used for specific purposes such as musical
- notation and mathematical symbols

Example: Mathematical symbol ≠

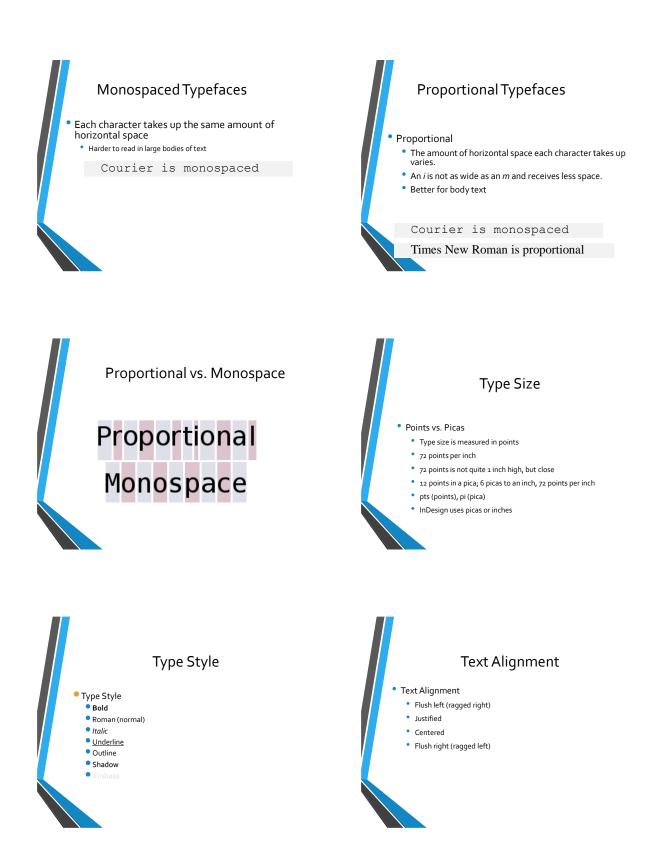








Typeface spacing Monospace Proportional





#### Text Alignment

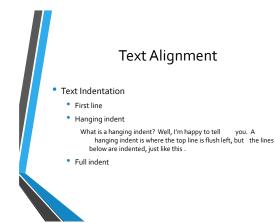
This is justified text; notice the text is even at the right and left. White space is evenly distributed between words and sometimes between characters. Sometimes words are unevenly spaced and there are "rivers and lakes" of white space.

## http://fathom.info/ragtime/



#### **Text Alignment**

This is centered text. Extra white space is distributed evenly at the left and right sides of the copy. This should be used only in small blocks, since it is not easy to read. The shape should be contoured; if not, it may just look like improper indentation.



#### Principles of Typography

#### Other Important Items

- Widows -- single, incomplete line at top of a page or column
- Orphans -- same thing at the bottom of page
- Leading -- vertical space b/w lines of type
- Kerning --reduction of horizontal space
- between characters for a better fit
  Tracking -- uniform reduction of space between all characters in a line







#### Principles of Typography

- Always Safe -- use only one typeface, with variations in style and size
- Usually Safe -- use sans serif display with serif body type
- Take Your Chances -- using both sans serif and serif display and body type
- Rarely Effective -- using two very similar or very dissimilar typefaces

# Principles of Typography

- Selecting Type to Match the Job
  - Typeface must be compatible with the message
  - Type can be feminine, masculine, friendly, harsh, elegant, delicate, etc
  - Start by choosing Times Roman for formal serif applications and Helvetica (Arial) for informal content.

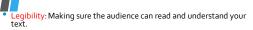
# Typography Today Typography in the digital environment New process of typeface design computer programs vs. hand design and casting New possibilities for layout with the screen computer programs vs. galleys, etc.

- New elements of expression
- text and images
- sound and animation
- screen brightness and contrast
- New concept of materiality
  - pixels vs. inklinks, buttons, IP addresses



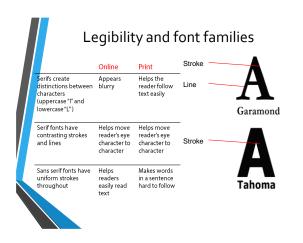
Typography plays an important role in how audiences perceive your document and its information.

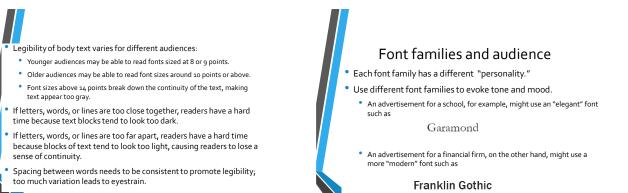
- Good design is about
- capturing your audience's interest and
- helping your audience gather information quickly and accurately.
- Typography creates relationships between different types of information, both organizing this information and keeping it interesting.



- Similarity, alignment: Using typography to create relationships between similar kinds of information.
- Uniformity or consistency: Repeating familiar elements to focus your audience's attention.
- Contrast: Creating interest and distinguishing different types of information with different typefaces. One element of contrast is hierarchy—making sure the audience understands that information has different levels of importance.
- Legibility is a combination of factors:
  - Font family
  - Font size
  - Letter, word, and line spacing

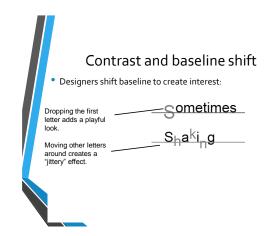




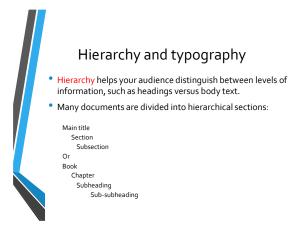


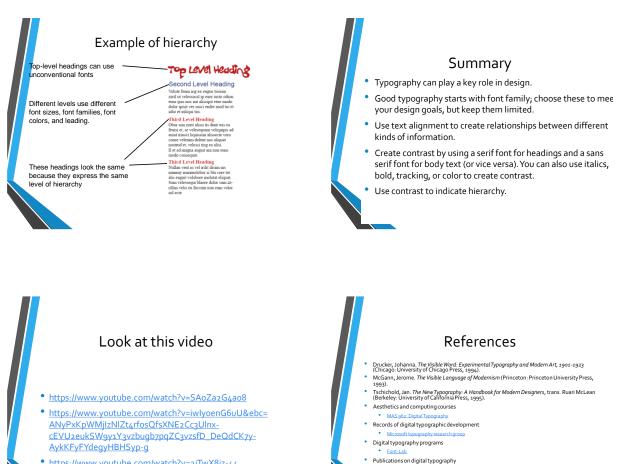
#### Font families for headings

- For body text, you may want to use something fairly conventional and legible.
- For headings, consider audience: teenagers respond to different fonts than businesspeople or academics.
- Choose font families that support your subject matter, or deliberately use a contrasting font to create interest.



- Use typography to guide readers through the levels of your document.
- Use different headings by changing font family, font type, font size, font color.
- To promote uniformity and help your audiences navigate, keep typographic choices consistent for each subsection throughout the document.





Don

https://www.youtube.com/watch?v=2jTwX8jz-44