

The History and Future of Computers

Learning Additional Features of Word

Page 1: Title Page (All information must be **vertically aligned** on the page)

- Your full name
- Project Title, Use WordArt
- Class Title – Introduction to Computers
- An Image
- Date
- Period Number

Header and Footer:

Should be on each of the following pages. Do not include this on your title Page.

Header: Your full name and the period number below your name. Font size 8

Footer: The name of the project listed on the left, the page number listed in the center of the page, and the date listed on the right. Use the icon on the Header/Footer to insert your date. Use Insert/Page, bottom center for page number. Font size 8.

Page 2: *The History of Computers.* (You must use proper MLA citation and give credit to all sources from which you derived your information)

- Page margins set to Top: .5"Bottom: .75"Right: .5 "Left: .5"
- Include an appropriate nameplate (title), 26-point Arial Black blue, bold font
- Place a top and bottom border around the title – make this a ½ point red triple ruling line. Make sure only the lines on the top and bottom are turned on
- Insert the Issue Information,
14-point **Haettenschweiler**, purple font, Issue Information Line (ex. Monthly Newsletter (on the left side); Vol. V, February, 2001 (on the right side, setting your right tab)
- Insert a ½-point red triple ruling line below this text
- Type your article in 3 columns
- The first line of each paragraph is indented .25
- Use a colored, Drop cap at the beginning of your starting text
- Use font size 11 for the body text.
- Include 3 pictures no larger than 2 inches wide and fitting horizontally within your column, example, the Abacus, the Anastoff Berry Computer, ENIAC
- Place a **vertical** rule between the second and third columns.
- Ideas: - **THESE ARE NOT PC's** –

- Hardware - Abacus, Anastoff Berry, Analytical Engine by Charles Babbage, Hollerith Card 1889, Colossus I, DEC (Digital Equipment Corporation, VAX 11/780), IBM mainframes, Tectonics, Wang, Control Data, Hitachi, Intel (not Intel), AT&T Bell Labs
- ◆ Select one or two companies and focus on their history
- ◆ **Software** - COBOL, FORTRAN, Pascal, UNIX

Page 3 - 5: *The History of the Personal Computer* (Any Quotes or pictures that you use, you must use proper MLA citation.)

- Make a timeline using a table of the History of the PC
- This **must** be at least a 2 page document – 1 page for hardware and ½ - 1 page on software, ¼ - ½ page on the people who affected the PC and ¼ - ½ on computer viruses.
- Insert an appropriate title for your document
- Include a table of your choice showing the development of the personal computer. Select 8 examples from 1970 to present (See Example)
- Turn text on side, use bullets for information, use different colors on font. Insert picture of item
- Use shading and borders in your table
- Emphasize points with font and color
- Include a picture of each PC that you reference
- Ideas - **Software:** DOS, Lotus 123, WordStar, WordPerfect, MultiMate, BASIC, OS/2, Windows 3.0, Windows 9x, AppleTalk,
 - **Hardware** - MITS Altair, Trash 80 by Radio Shack, IBM 8086, 8088, 80286,80386,80486; Apple (Lisa, Apple II, Macintosh), Compaq, Lotus, Oracle, Sun, Commodore,) Radio Shack’s Model 100, NEC PC-8200, Olivetti M-10), PDP – 11, Intel, Hewlett-Packard, Texas Instruments, Xerox (Palo Alto Research Park)
 - People – Bill Gates, Steve Ballmer, Steve Jobs, Steve Wozniak,
 - History of PC Viruses - <http://www.bocklabs.wisc.edu/~janda/solomhis.html>

Page 6 *The Future of Computers*

Using a Table similar to the one used above, create a report about the future of computers. Each row should be about one specific item, such as “What will computers be like in the future?” For each row include a heading, a description of the item you are discussing and an image that represents the information in that row. Make sure to include an appropriate heading at the top of your page. You must discuss 10 items regarding the future of computers.

- ❖ *What will computers be like in the future?*
- ❖ *How will computers be used in the future?*
- ❖ *Ideas: Virtual healing for paranoia’s, Chip implantation in humans, Chip recognition to id products, Wallet PC, Voice Activated devices, Robots, Web Vision*
- ❖ *Biometric systems - Retina scanners, Iris scanners, Fingerprint readers*
- ❖ *GPS - Global Positioning Systems*

- ❖ *Home design and comfort, entertainment, thermal zoning, electronic location pinning, zonal lighting*
- ❖ *Education*
- ❖ *Medical Field , Genome Research, DNA*
 - ❖ *When listing items, **customize your bullets***

Page 7 –

Create a New Document – NO header and footer

- ❖ A **block formatted** letter to your child about how you use computers today and what you think the future of computers will be
 - Set your margins to 1” for the Top, Bottom, Left and Right for **this page only**
 - **Center your name**, Use Word Art or Text Font size 16 for your name
 - Insert your address, using two lines aligned in the center under your name
 - Insert your phone number, and fax or pager number on the next two rows. Use correct phone format (858) 678-7896.
 - Place a watermark behind your text
 - Use a right and left indent of 1.0”, using quoted text about the future of computers. Get your quote from the Web
 - Insert the date 4 lines below your address on the left of the page.
 - Everything else on the letter should be aligned on the left of the page.
 - After the body of your letter, return two times and type the closing
 - After the closing, return 4 times and type your name.
 - Don’t forget to sign this letter.

Page 8: Works-Cited Page

- Use proper MLA citation format
- Title is “Works Cited”
- Listing of all the web addresses that were used to gather your information, images and anything else used for your report
- Use these sites for help
 - Go to Electronic On-line resources <http://webster.commnet.edu/mla.htm>

Landsburg, Steven E. "Who Shall Inherit the Earth?" *Slate* 1 May 1997. 1 Oct. 1999
<<http://www.slate.com/Economics/97-05-01/Economics.asp>>.



Mitchell, Jason P. Letter. "PMLA Letter." 10 May 1997. 1 Nov. 1999
<<http://sunset.backbone.olemiss.edu/~jmitchel/pmla.htm>>.

General Information about the Project

URLS to help you – by no means all that are available on the Web. Don’t forget we still use books too.

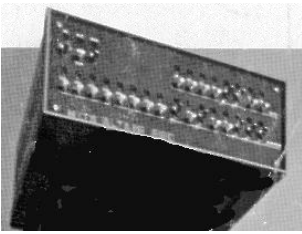
- <http://www.pc-history.org/>
- <http://www.epas.utoronto.ca/~edtracy/ibmpc.html>

- <http://www.pbs.org/nerds/timeline/>
- <http://www.zdnet.com/eweek/stories/general/0,11011,2412309,00.html>
- <http://www.zdnet.com/eweek/stories/general/0,11011,2412358,00.html>
- <http://www.mat.fme.vutbr.cz/mm/history/gates.htm>
- <http://www.scata.org.uk/publications/d.jones.1994.html>
- <http://www.hypermall.com/History/>
- <http://www.apple-history.com/history.html>
- <http://www.applemuseum.seastar.net/>
- <http://history.eis.net.au/history.html>
- <http://www.theapplemuseum.com/>
- <http://www.stanford.edu/dept/HPS/TimLenoir/SiliconValley99/APPLE/>
- <http://www.cbi.umn.edu/tc.html>
- http://www.digitalcentury.com/encyclo/update/comp_hd.html
- <http://www.rmc.edu/~bburrell/bcmiller/bcmiller.htm> (some good pictures)
- <http://inventors.about.com/science/inventors/library/inventors/blsoftware.htm> -----

Software

- <http://inventors.about.com/science/inventors/library/inventors/blsoftware.htm>
- http://www.digitalcentury.com/encyclo/update/pc_hd.html
- http://www.newmedianews.com/tech_hist/pet.html
- <http://www.computerhistory.org/timeline/1983/index.page>
- <http://www.englilb.cornell.edu/ice/lists/historytechnology/historytechnology.html>

History of the PC

Year	Item	Picture
1960's	Name of item and key information	Picture of item
1970's	<p>MIT's Altair – 1975 –</p> <ul style="list-style-type: none"> • First 8080 based kit microcomputer. • Introduced in the January, 1975 issue of Popular Electronics magazine as a construction project. • Not the first available microcomputer • Start of the industry. 	
1980's		
1990's		
2000's		