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| **Unit:** Basics | **Turn In List:** **1. History of the Computer (this file)** |
| *“I will explore the basic history and evolution of the modern computer system in order to better understand the makeup of the systems we use every day.”* | |

**Title: History of the Modern Computer**

**Content Objectives:** Students will briefly research some of the common contributions to the modern computer system and explain in their own words what makes a computer – a computer.

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| **Key Terms:** | |
| Transistors |  |
| Integrated Circuits |  |
| Microprocessors |  |
| Artificial Intelligence |  |
| Desktop Computer |  |
| Laptop Computer |  |
| Handheld Computer |  |
| Mainframe |  |
| Super Computer |  |

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| **Summarize the 5 Internal Systems** | | | | |
|  | **Function** | **Hardware Examples** | | **Measured In** |
| Logic System |  |  | |  |
| Storage System |  |  |  |  |
| Display System |  |  | |  |
| I/O System |  |  | |  |
| Communications System |  |  | |  |

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| **Assignment:** |
| **Using the attached pdf and our class discussion, answer the following questions (note, the PDF is searchable):**  **1.** The basic component of a first-generation computer was \_\_\_\_\_\_\_\_\_\_\_ .   1. Name three important uses or applications for the modern computer: 2. The speed of a computer is calculated in \_\_\_\_\_\_\_\_\_\_\_\_\_. 3. Third-generation computers were \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ based machines. 4. What are the seven characteristics of modern computers: 5. The invention of logarithms influenced the development of \_\_\_\_\_\_\_\_\_\_\_\_\_. 6. CPU consists of \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. 7. Physical components on which the data are stored permanently are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.   Use “Activity Monitor” “Finder App” and “About this Mac” can all help to find the specs on your student Lab Computer:   |  |  | | --- | --- | | Manufacturer |  | | Model |  | | OS Version Details |  | | Processor Name |  | | Number of Processor Cores |  | | Processor Speed |  | | Total Memory (RAM) |  | | **Serial Number** |  | | Bluetooth Manufacturer |  | | Graphics Card Details |  | | Hard Drive Total Capacity |  | | Available Hard Drive Space |  | | # of USB Ports |  | | Largest Process Running |  | | Current Free Memory |  | | Maximum Screen Resolution |  | | Wifi Mac Address |  | | Ethernet Mac Address |  | | Number of Firewire Ports |  | | Number of Ethernet Ports |  | | # of Audio Related Jacks |  | |

Notes:

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