|  |  |
| --- | --- |
| **Date Assigned: 9/09/16** | **Date Due: 9/13/16** |
| **Unit:** Basics | **Turn In List:** **1. Terms and 2. Pde for Zoog, history of the computer** |
| *“I will be able describe the major events leading to the evolution of computer technology.”* | |

**Computer History: How it all began.**

**Content Objectives:** Students will be able to site the major events leading to modern technologies related information and information processing. We will also explore custom functions (methods) in Processing.

|  |
| --- |
| **Starter Activity** |
| Write a custom function (method) for a button with a rounded rectangle, shadow and text. Call it three times on a canvas with custom button text, position and size. |

|  |  |
| --- | --- |
| **Key Terms:** | |
| Vacuum Tube | Large, expensive, power hogging machine that could store 1s and 0s |
| Transistor | If supplied power it can become and on and off switch and store 1s and 0s |
| Integrated Circuit | First grouping of transistors. Hundreds of them together |
| Microprocessor | Integrated Circuits put together |
| Punch Card |  |
| Mainframe |  |
| PC | Personal Computer |

|  |  |
| --- | --- |
| **Coding Terms:** | |
| function | Time saving strategy. Giving one name with a lot of code |
| parameter | Line of code |
| Function call | Running a function. Declaring it to appear or become usable |

|  |
| --- |
| **History and Background:** |
| The |

|  |
| --- |
| **Assignment Tutorial (Setup and Class Demonstration):** |
| Students will create a visual timeline in a new 900 x 400 document spotlighting 8 key events in the history of computers using <http://en.wikipedia.org/wiki/History_of_the_computer> as a reference. Use a custom function for each event to place on the timeline. You will need to refer to the “text()” function and the “String()” class in Processing reference. Create 4 events above and 4 events below the timeline and include a title (see example below).  Macintosh HD:Users:kkapptie:Desktop:Screen Shot 2013-09-16 at 9.40.28 AM.png |

Notes (Points of interest, mistakes, lessons learned, web resources, and thoughts):

|  |
| --- |
|  |