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Creative Coding

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Creative Coding Final Documentation: *Every Ten Seconds*

My project is called *Every Ten Seconds*. Initially it was every 5 seconds but upon consideration I opted to bump it up to 10 seconds. It is a time based visual representation of 9 different statistics that occur roughly every 10 seconds. The statistics were gathered from the Omni Calculator website: <https://www.omnicalculator.com/everyday-life/every-second>

It was created using p5.js library as well as the p5.sound and p5.play libraries, latter two were used to control the audio and the interactivity of the animated objects respectively. The concept of this project was to have the facts appear on the screen consecutively and ten seconds apart. This was achieved using the millis() function in p5.js. I then created animated sprites on my iPad and using p5.play added a collision detector and individualized the behavior of each group of sprites. There is minimal interactivity, on mouse click the sounds are increased and/or duplicated for an echo effect, and there is one sprite from each group that is attached to the mouse position and so allows the user to move the other sprites around.