

Creative ways of representing time

Motivated by the Clock and Time Representation module, I decided to expand on my previous work for the final project. I have created two different alternating clocks to display the current time – one uses mechanical gears and the other uses the rotation of the Sun, the Earth, and the Moon.

For my gear clock, I created three rotating background gears to convey the constant flow of time. I also added two colored gears – yellow and green. The yellow gear represents the hour whereas the green one displays the current minute. In addition, the yellow gear rotates right by about 20 degrees every hour and the green one rotates every minute. I also added the numeric representations of time to make it easier for the viewer to understand the art. To make this art more engaging, I attached a small gear to the mouse pointer that changes its color randomly every time the user makes a left mouse click. To make the art more interesting, I also incorporated a gear motion sound to this art.

Regarding the orbital clock, I used the rotations of the Sun, the Earth and the Moon to convey time. In the middle there is a big yellow circle which simulates the Sun. Rotating around the Sun is the blue circle which simulates the Earth. The small grey circle travelling around the Earth is the Moon. Here, the Earth takes one minute to travel around the Sun and the Moon takes roughly one second to travel around the Earth. Inside the blue circle, you will find the numeric representation of time, which should help you to better understand this art. As for the background, I used the image of the Milky Way galaxy. Lastly, I thought it'd be interesting to add the Interstellar – Cornfield Chase music to this clock.

Moreover, the clocks alternate every 10 seconds. I could make it longer, but decided to keep it short for the purposes of this project. If you want to modify the duration, you could change the variable 'TIME_LENGTH' which is placed at the top of JS file. Right now, it is set to 10 seconds.

Lastly, I wanted to inform you of a small bug that I noticed in my work, but couldn't fix. Sometimes, the clocks don't switch at all for some reason. I am fairly certain that the code I wrote is reasonable. Just rerunning the program usually solves this problem. So, please remember to rerun the program if the clocks don't alternate every 10 seconds.

Well, that's all I wanted to share about my artwork. Thanks for reading my artist statement fully. I hope you will enjoy it.