As someone with a lot of computer experience, taking “Math Analysis” as a class I knew I was in for a ride. At first, I didn’t know exactly what we were going to do in the class and how Cuddy wanted to implement learning the basics of coding into the classroom, but everything came into place when we learned the basic from Codecademy and Virtuvia training.

**SLIDE 1**

We first started with Pixel Art done in the grid before we got into bricklayer it was bit annoying have to click one by one but making more complex pixel art in bricklayer would be harder.

**SLIDE 2**

We made a basic shape in bricklayer for the first time and we learned how to save our project

**SLIDE 3**

In this slide you can see how we were learning how to use Level 2 Bricklayer creating a 2x4 block.

**SLIDE 4**

We created various patterns around our high school in the GRID because bricklayer wasn’t working. In the slide I posted a screenshot of the Library tile pattern and the bathroom floor tiles.

**SLIDE 5**

The name project was a tedious project because I did it in the level 2 bricklayer rather than the level 3 version. It was a long process making each block for my name and what took the longest was making the background one by one.

**SLIDE 6**

This slide shows the flag project we did we were all able to use Level 3 Bricklayer which made this project a lot easier. I made Laos and Czech Republic flag for this one. Learning how to use the X + 0 , Z + 0 really made this project really easy! I repeated the flags to fill the grid.

**SLIDE 7**

On this project we created a ring circle pattern across the entire grid. We used level 3 to make everything easy to paste around the grid. We basically learned the ring and circle code in bricklayer.

**SLIDE 8**

This project where we had to use all the functions was a very creative project hence everybody created something differently. It was kind of hard, but I was able to make a weird patter as seen in the slide. We used everything from circle to rings and even line that were slanted.

**SLIDE 9**

In this project for the real image I chose to make the Google Chrome logo. This project made me use all the functions all available. It was quite the challenge to fill it in and make the curves. But overall this logo came out pretty good.

**SLIDE 10**

Space Filling Curves was probably the easiest project in level 3 we did requiring us to copy the S and N’s across the whole grid. On my code I tried to use the least amount of code possible in order to cover the whole grid. It was fairly easy after creating the 3 x 3 and then repeating it across the grid.