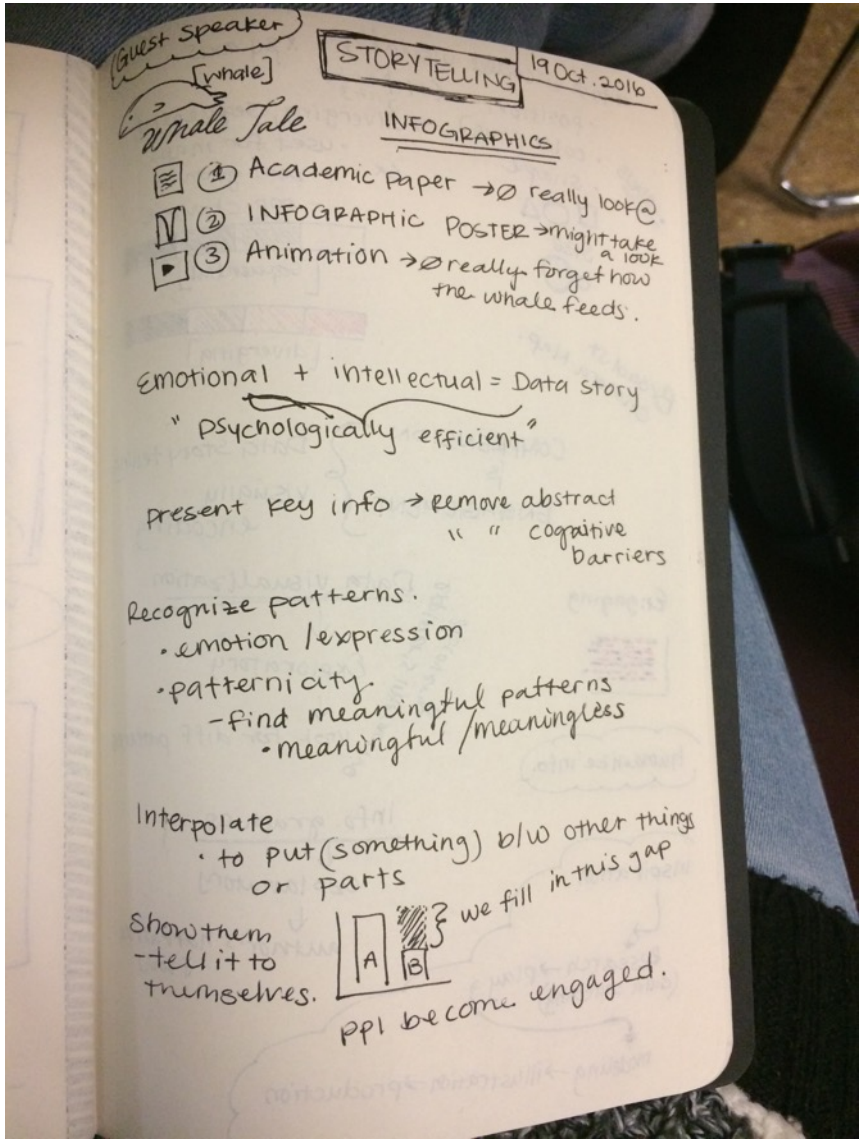
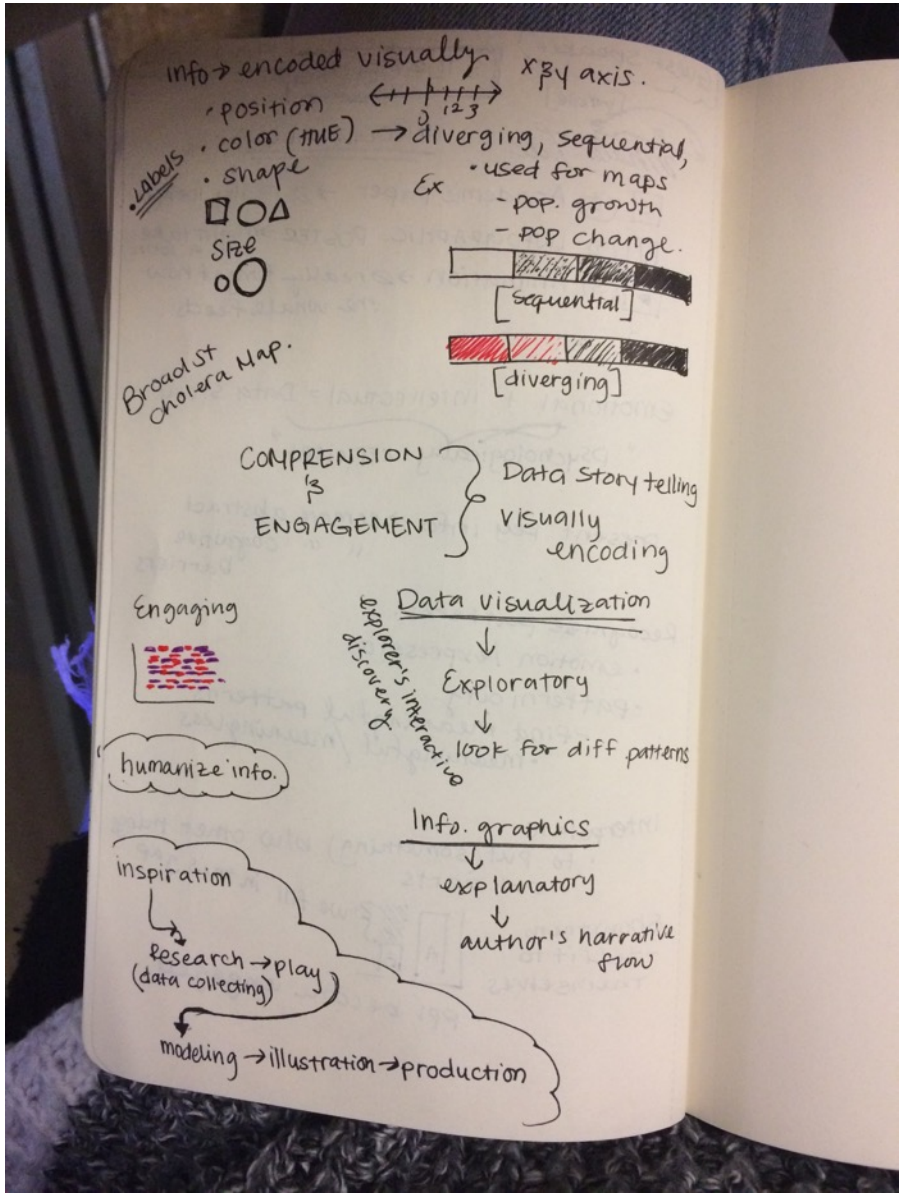
Fall 2016 Visual Communication Student Response Gallery
Part 5 – thru Response Gallery 27

RG22: Sketchnote to RJ Andrews's talk



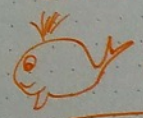


19 OCT 2016

LS 426 - RJ Andrews

@infowetrust

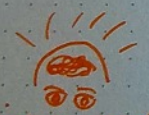
Information can be encoded visually
& it is useful to do so for
COMPREHENSION + ENGAGEMENT



WHALE TALE →  for whales

FINDINGS → TOO wordy dry difficult to read
(academic paper)

FINDINGS → MORE accessible
(infographic)

 emotional +  intellectual =  data story

REMOVE COGNITIVE BARRIERS

psychologically EFFECTIVE

SIMPLIFY TO ESSENTIALS

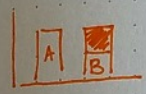
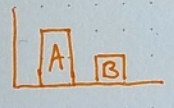
2010

more information produced in 2 DAYS than in all time from beginning of time up to 2003

PATTERNICITY

↳ recognizing patterns
↳ everywhere
↳ in everything

> i.e. . . in faces
- expressions
in objects

 vs 

↖ same result, different thinking, we put in work to reach this understanding

interpolate

to put something together between 2 parts

in

STORYTELLERS

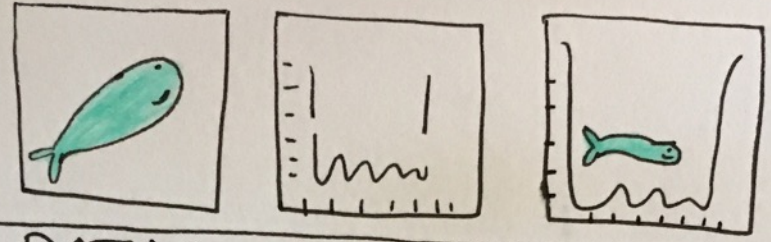
- responsibility to tell a TRUTHFUL story
↑ especially if using #s

INSPIRATION → **PLAY** → MODEL → ILLUSTRATION
↓ TEXT → PRODUCTION

RJ ANDREWS | INFO WE TRUST!

Different TYPES of STORYTELLING

emotional + intellectual = DATA STORY



DATA Storytelling

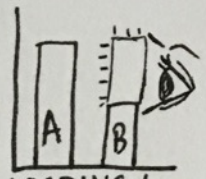
→ WE ARE NOT wired for the data storytelling world we live in ←

"OUR BRAINS ARE WIRED FOR WHETHER WE'LL BE EATEN BY A LION OR TIGER" - DR. TYSON

We live in a world where there is so MUCH that we need

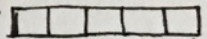
PATTERNICITY
→finding patterns in the world←

IN·TER·PO·LATE
"to add something in between another thing."



LOADING↓ W/ OUT KNOWING IT

→INFORMATION CAN BE CODED VISUALLY←



POSITION, COLOR, SHAPE, LABELS
X, Y

→and it is useful to do so for←

→ENGAGEMENT←

Always remain critical

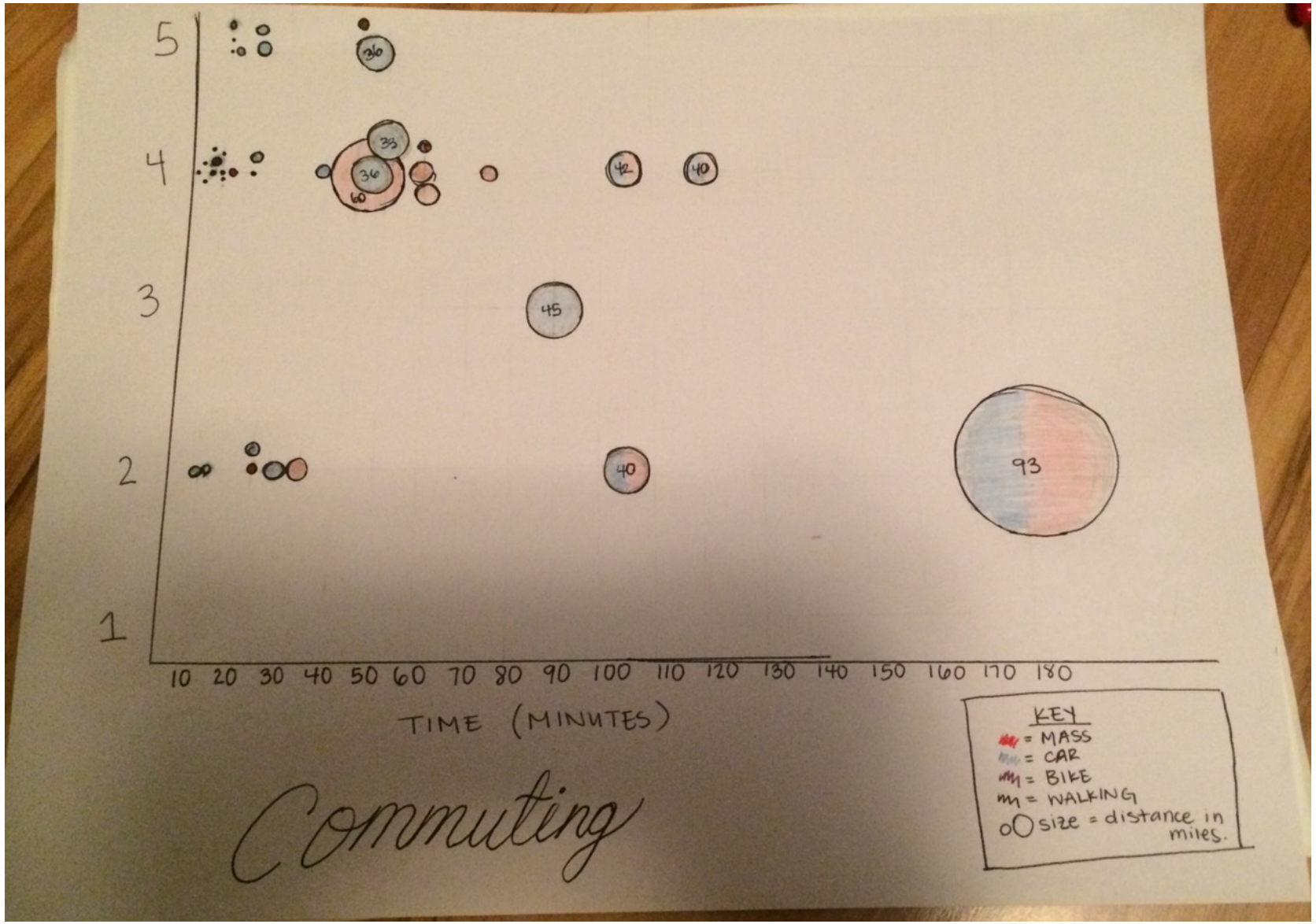
PLAY ⇒HAVE FUN

CHART JUNK → little doodles used to help build thought

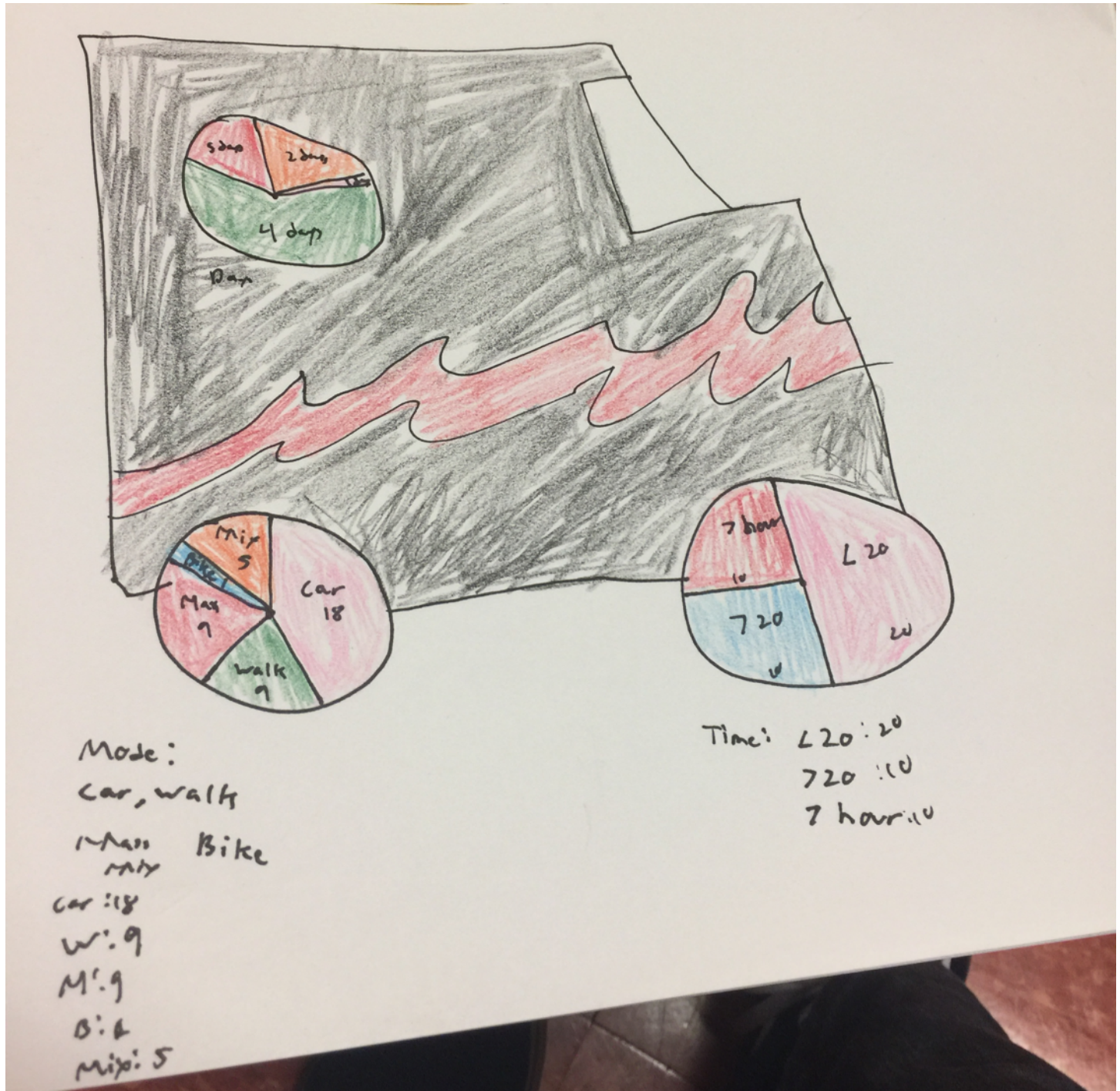
DYNAMIC GRAPHING INC.

CSV EXCEL
ADOBE PHOTOSHOP

RG23: Commuting Visualization



This the graph I created and tried to add as much data to it as possible. I just couldn't add the exact location where people came from. This took me a lot longer to create than I thought and it was a bit frustrating because I kept looking at the data and tried to make sense of it on the graph. After a while of looking at it, it made it a bit more stressing. Messed up a few times and had to start over. But in the end, I think I liked my finished product.
The size of the circles represent the distance in miles people have to travel. The color depends on their mode of transportation. And where they are located on the graph depends on the days travel (y-axis) and the time travelled in minutes (x-axis).



Mode:

car, walk

Mass Mix Bike

car: 18

W: 9

M: 9

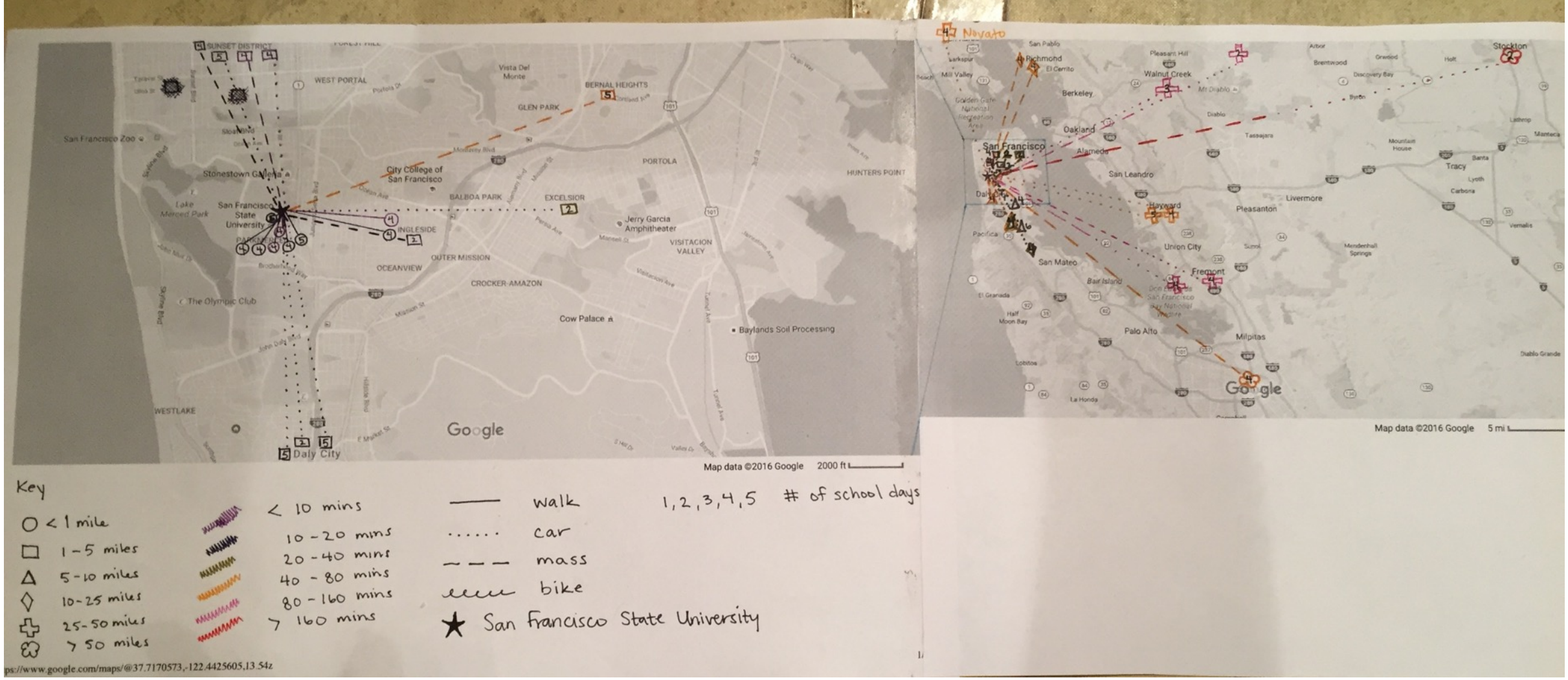
B: 4

Mix: 5

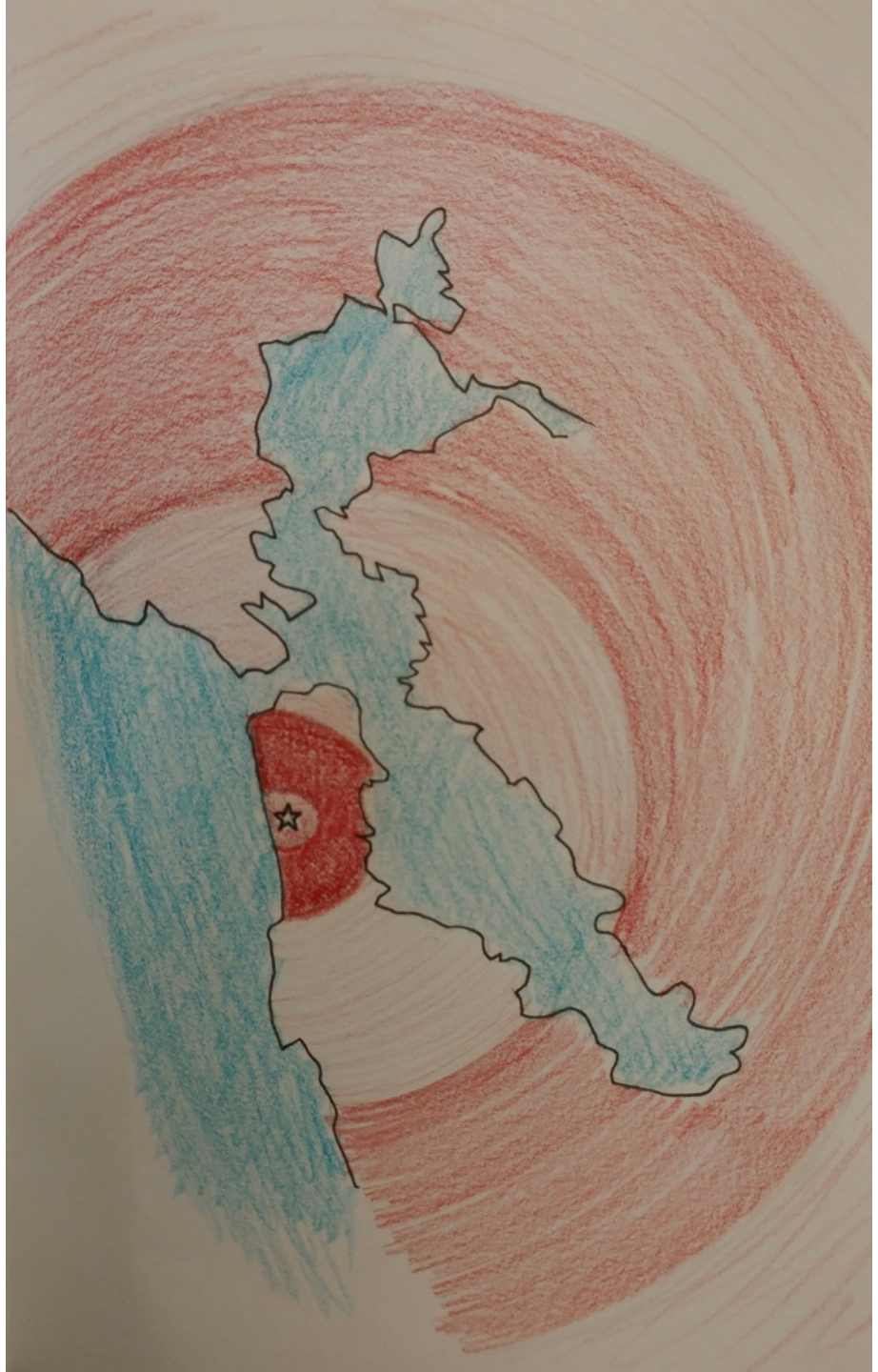
Time: 120: 20

720: 10

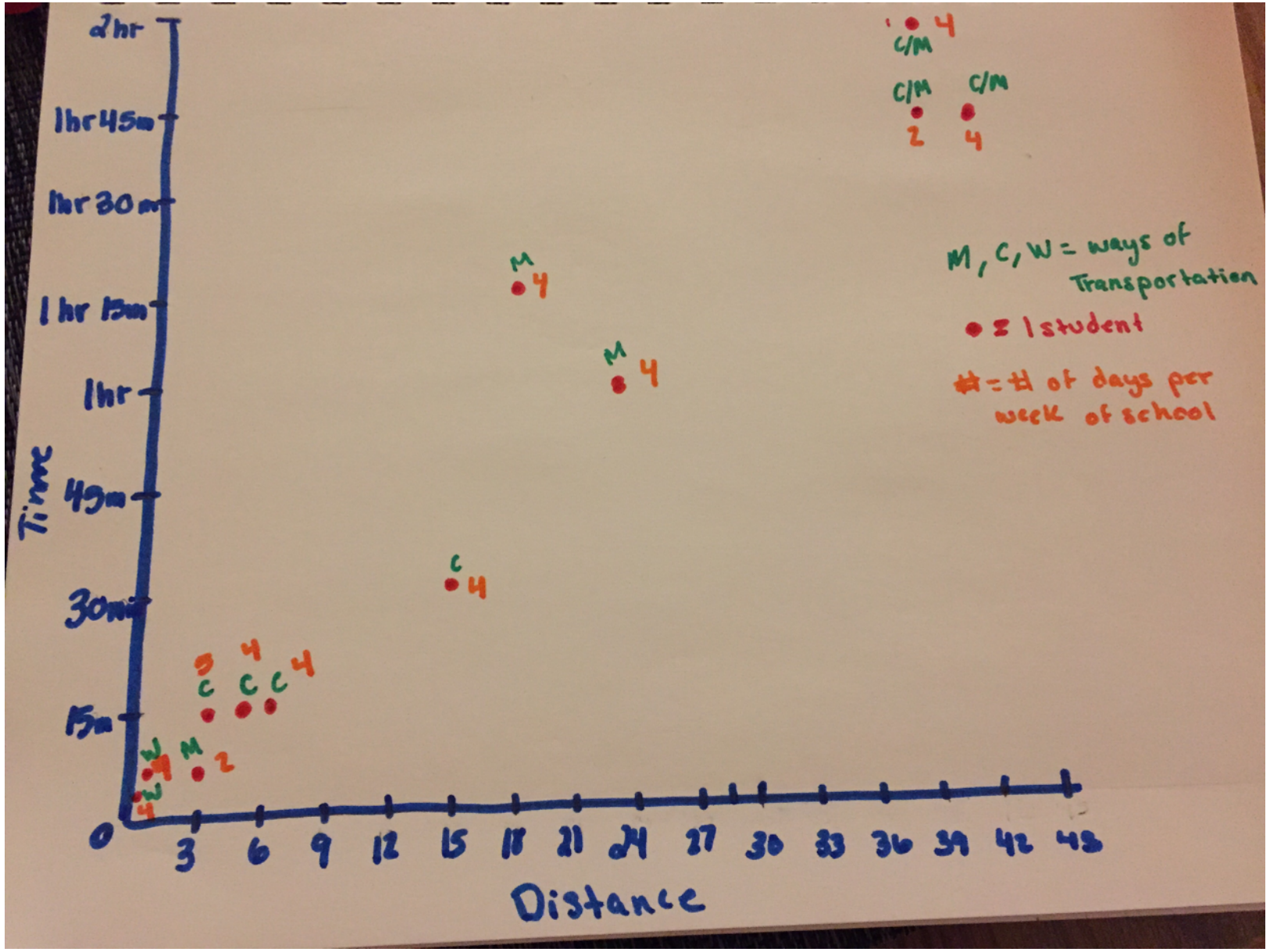
7 hour: 10



I wanted to use all of the data that was given to us, which was really hard, but I managed to fit everything into there. I had to do two maps to show location though. One is a zoomed out view, and the other is a close up of San Francisco so that you can see all of the districts. I used shapes to show their relative distance, numbers to show number of school days, color to show time, and type of line to show mode of transportation. I oriented the positions of the points close to whichever city or district that was given. I also put a star where SF State was to orient where all of the points should be heading towards. I had to be creative to come up with different categories and scales for each of the data sets. The only thing I didn't deal with was size. The size of the shapes is no relative to any information. I decided to not use size, because I thought that it might become distracting or cover up other data points.

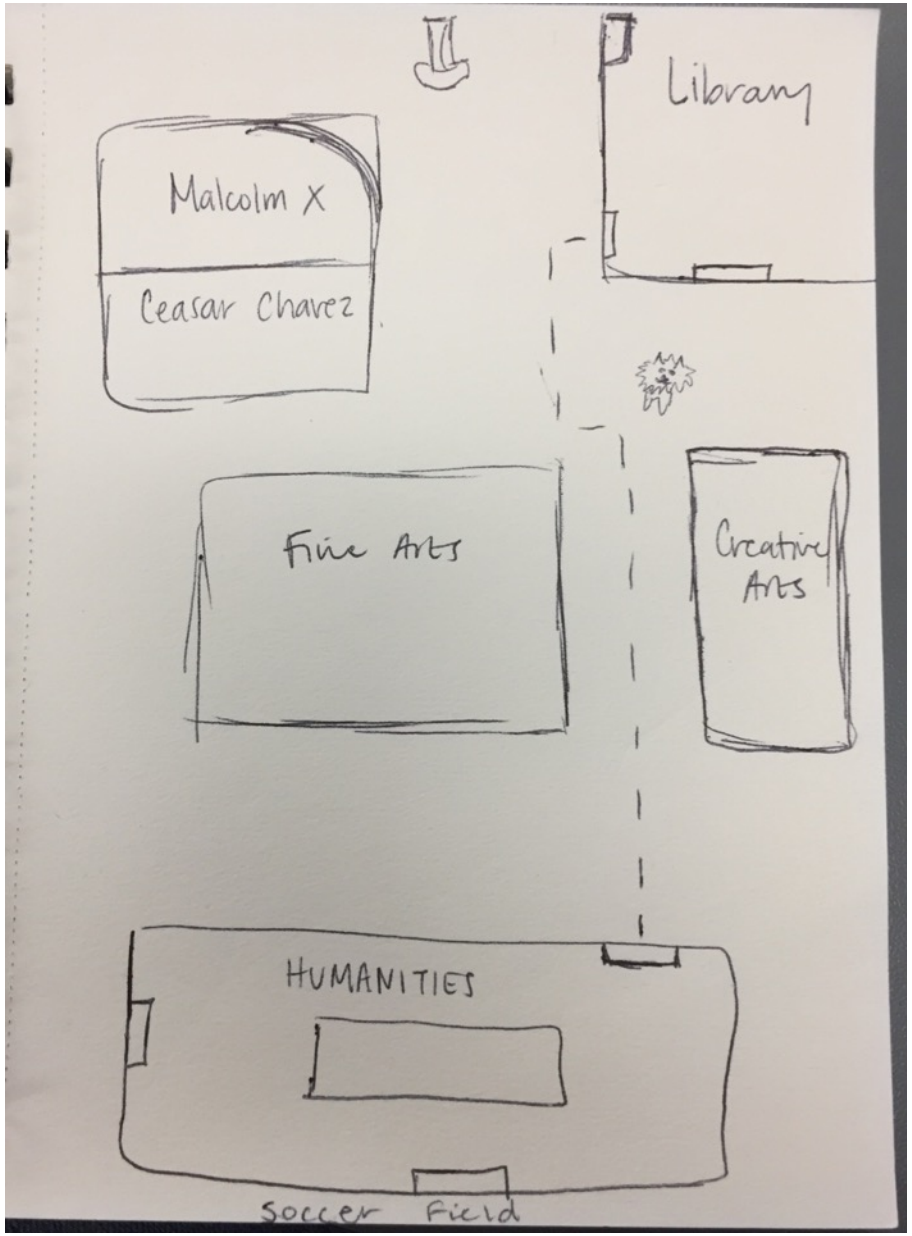


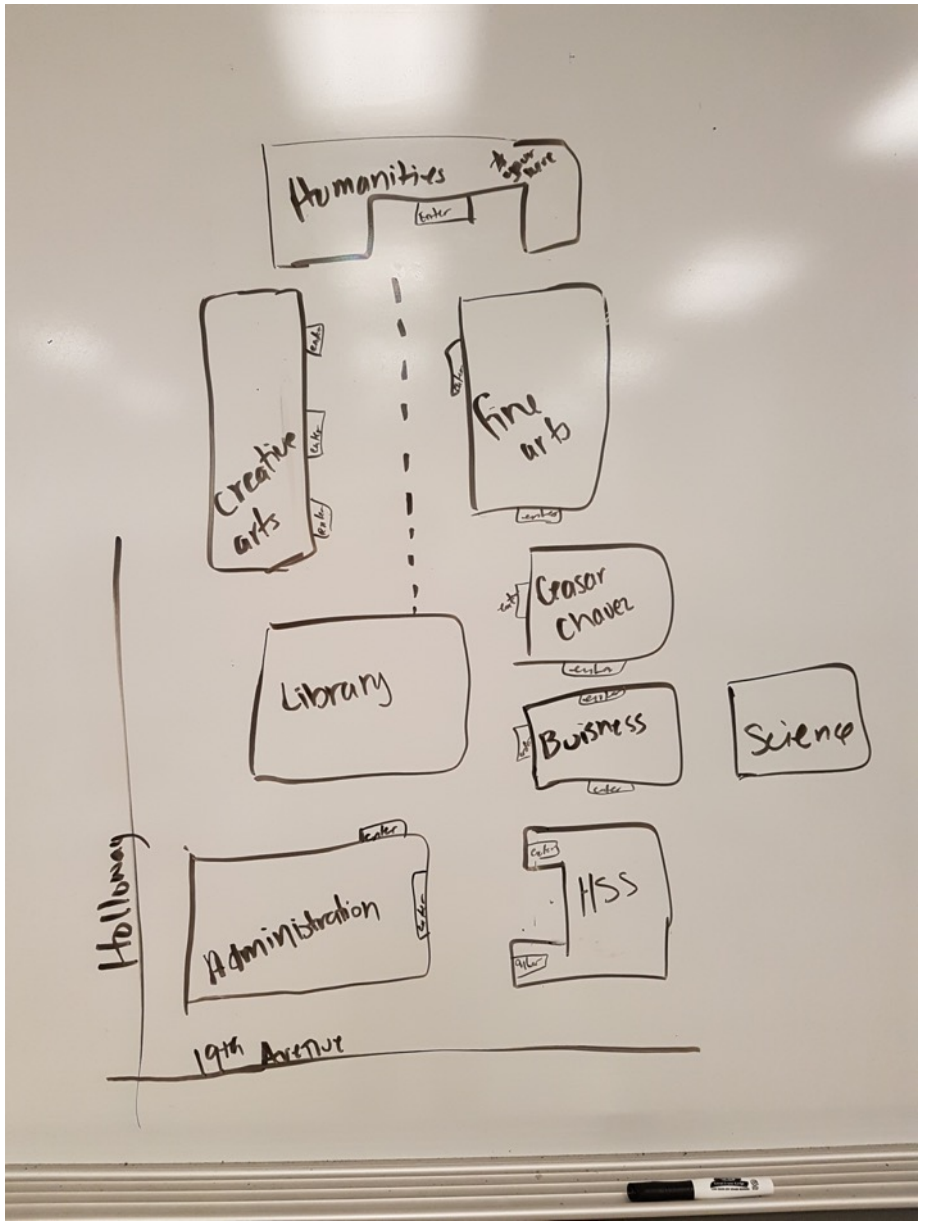
I chose to focus in just one data set, which is just location in miles. I broke it up into sections of 0-1, 1-5, 5-20, 20-50, and 50+ miles from school. I then counted how many people were in each ection, and did radial circles from school in red, with varying opacities based on how many people there were.



So I made a dot graph. Each dot represents one student. The x-axis is the distance in miles a student travels to get to school. The y-axis is the time it takes them to get to school. Next to each red dot there is a letter and number. The letter represents the mode of travel they take and the number equals to the number of days they come to campus. I only worked with the data from the section I was a part of.

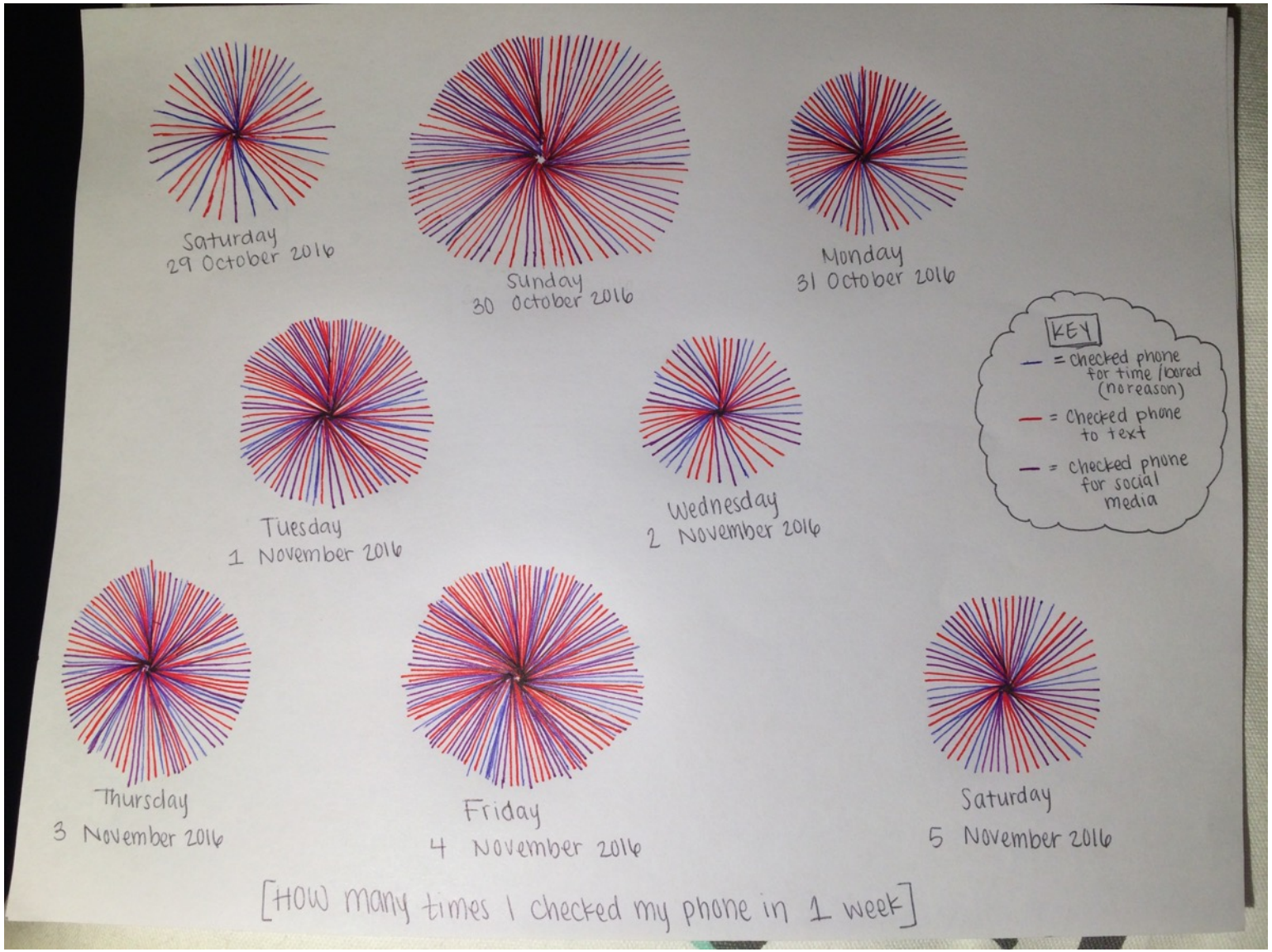
RG24: in-class Campus Map



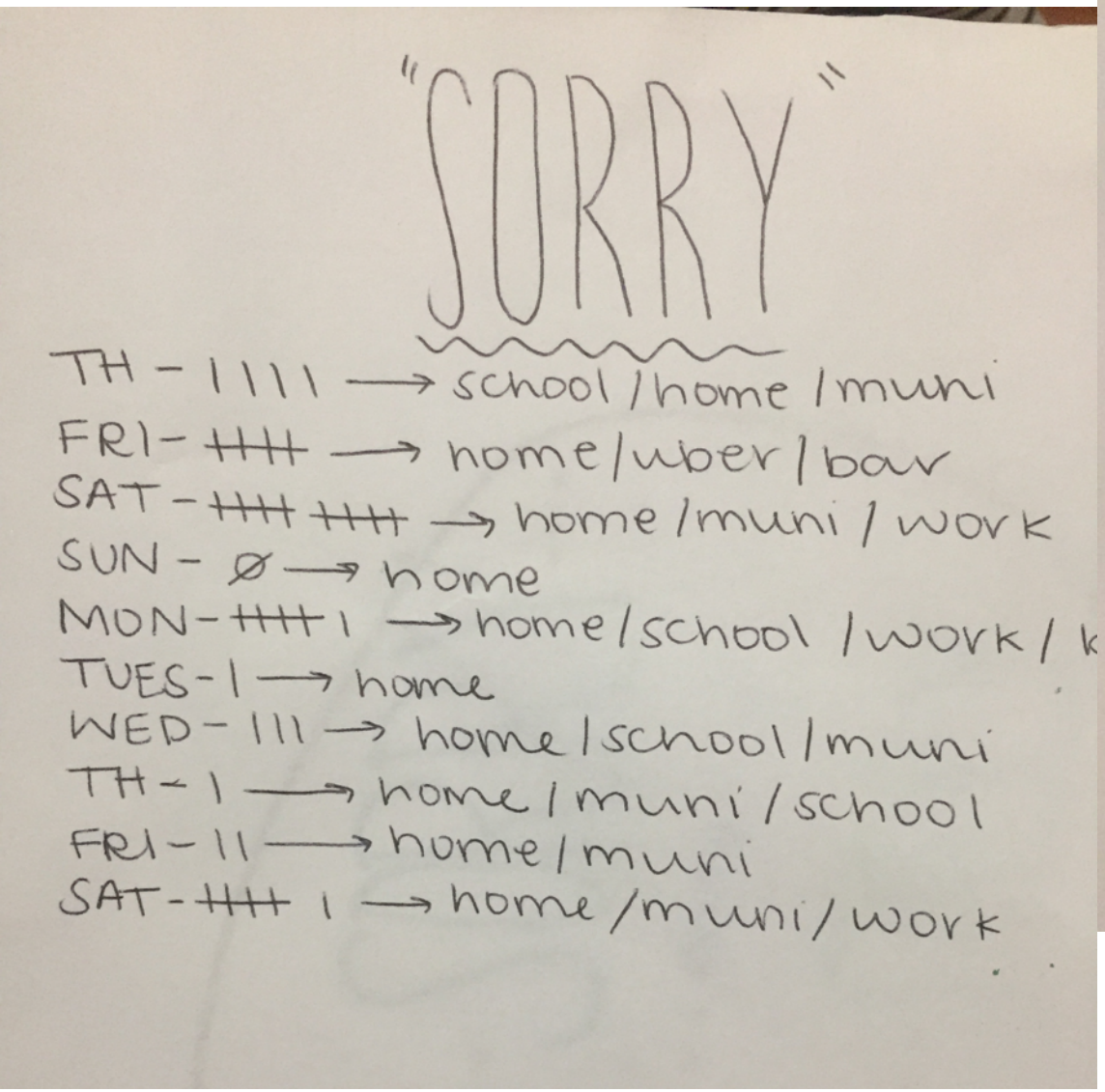


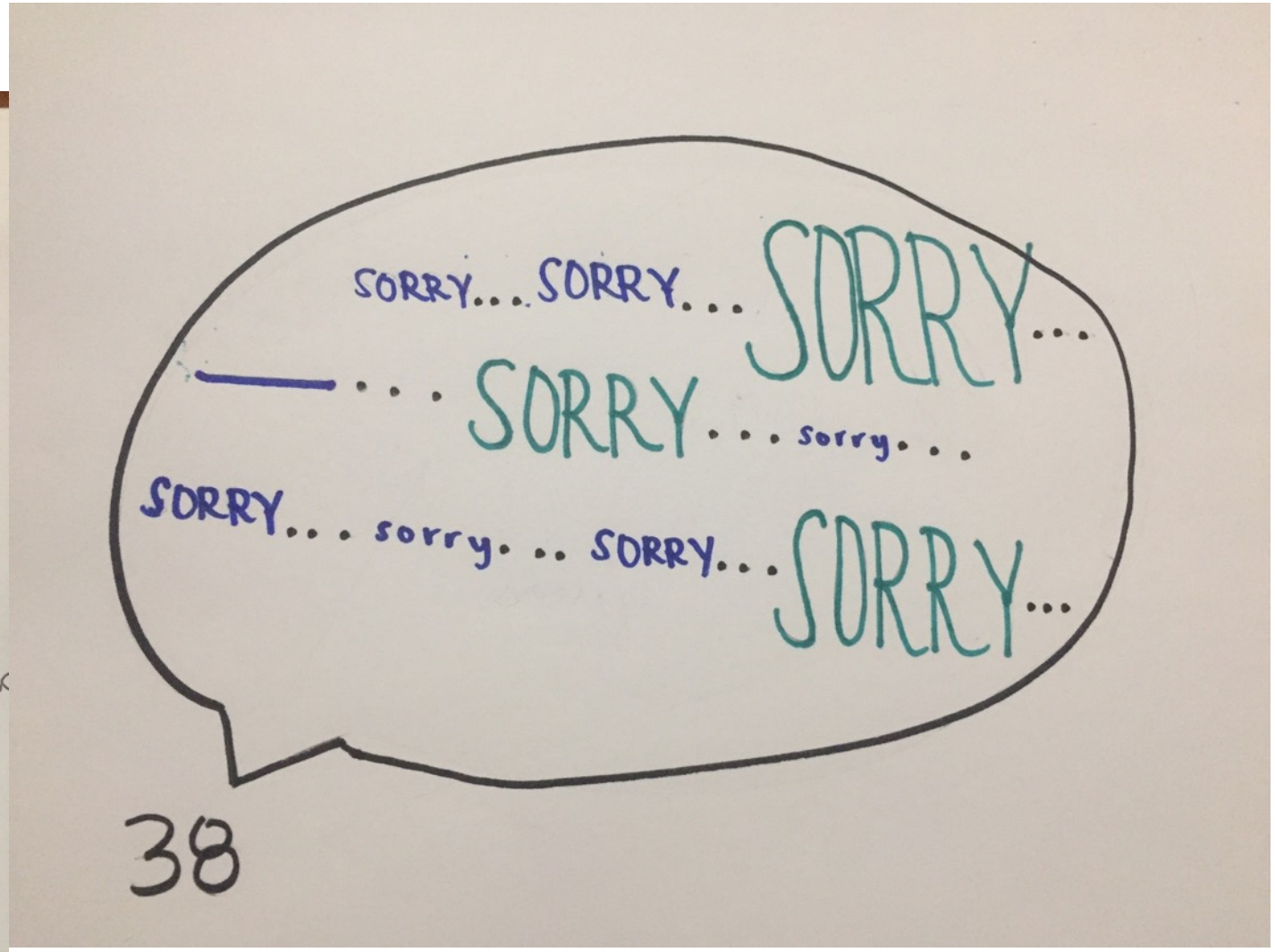
RG25: Final Project Proposals (Not Pictured)

RG26: Dear Data Projects

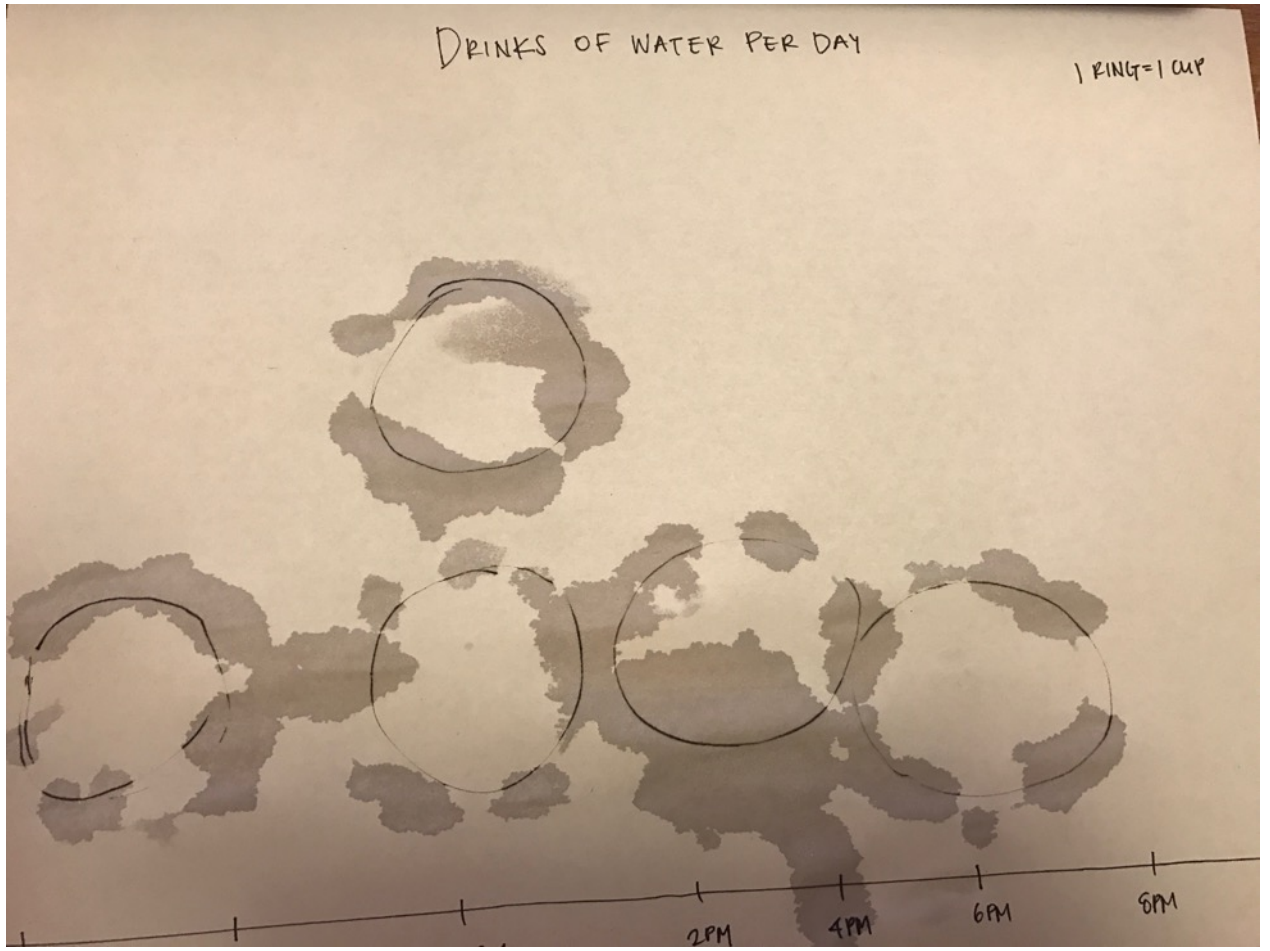


This is how I decided to express my data on how many times I checked my phone and why for a week. This was interesting to work on and a bit of a challenge. It was a bit of a challenge because I would keep forgetting to record when I used my phone because I use it a lot out of habit, even if I'm not doing anything on it, I have the tendency to check it. I did learn that I use my phone a lot more than I thought, and this chart really gave me the visual. When I looked at the data and how I had it separated into different categories, I didn't really see how many times I was on my phone; this on the other hand really showed me. After I started putting the data in this circle/flower looking chart, I realized I could've broken down my categories even more, but I think this still expressed my data in a different form, than a graph that people might not take a look at. This at least catches the attention of people because of the bright colors and the shape. This assignment definitely made me think, both about my phone usage as well as trying to figure out how to express the data I had.

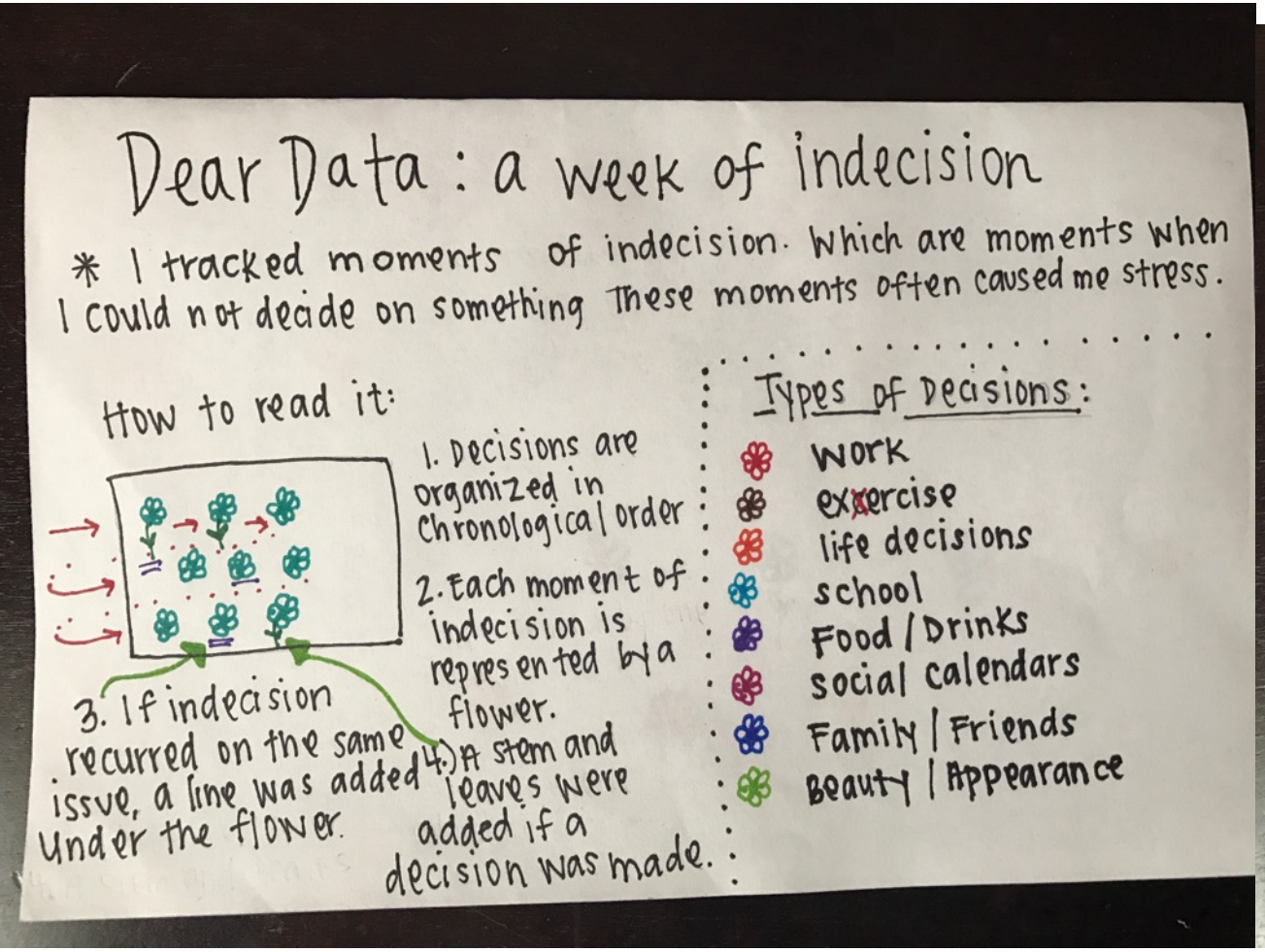


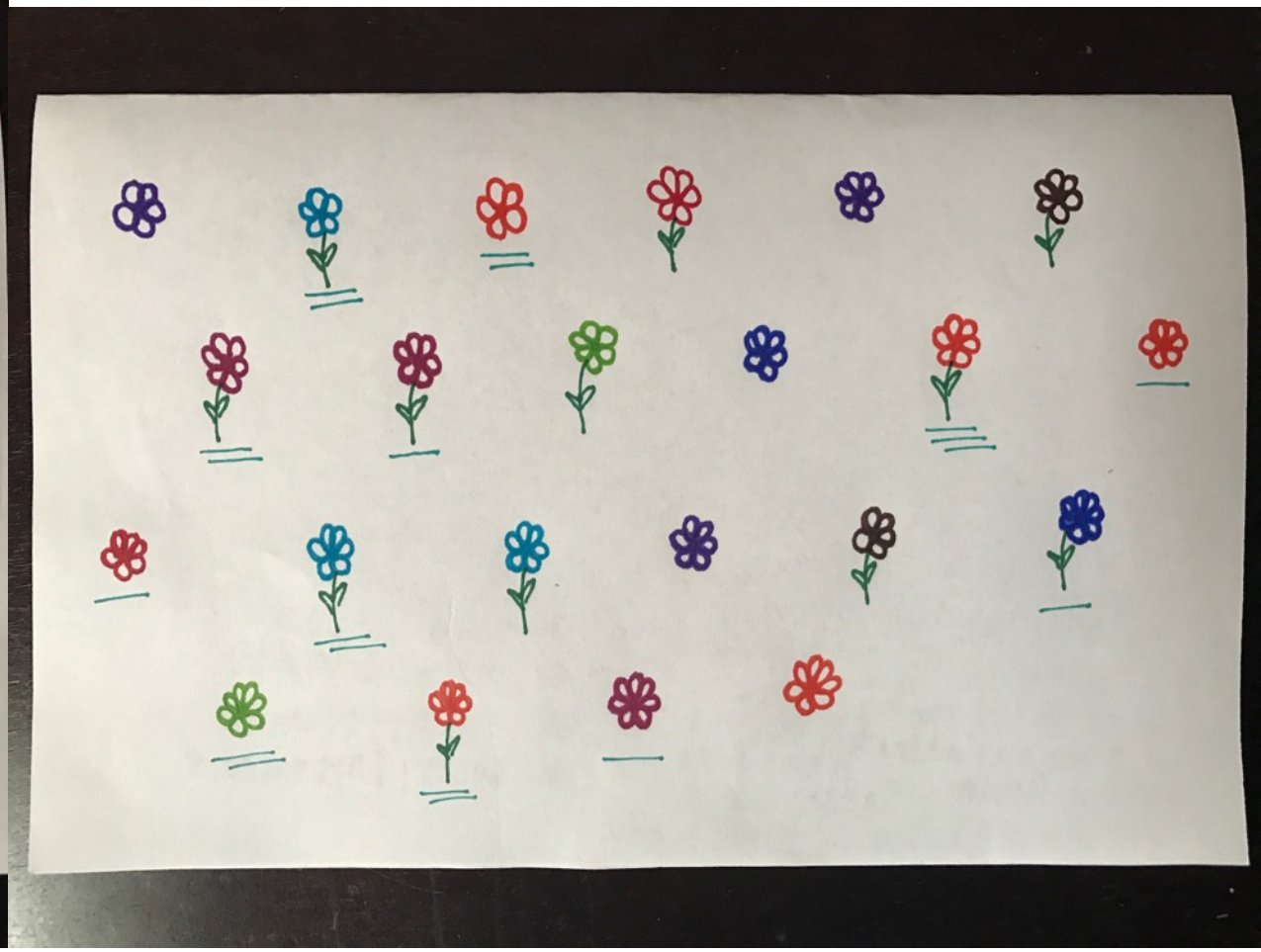


For the project I decided to count how many times I said the word "sorry". When I started counting I noticed I tried to say it less. But even being aware it was a habit and I still said it. The larger I wrote it the more times I said it that day. The times that we're highest we're the days that I went to work. But I made them light blue because even though I said it more, I meant it less.

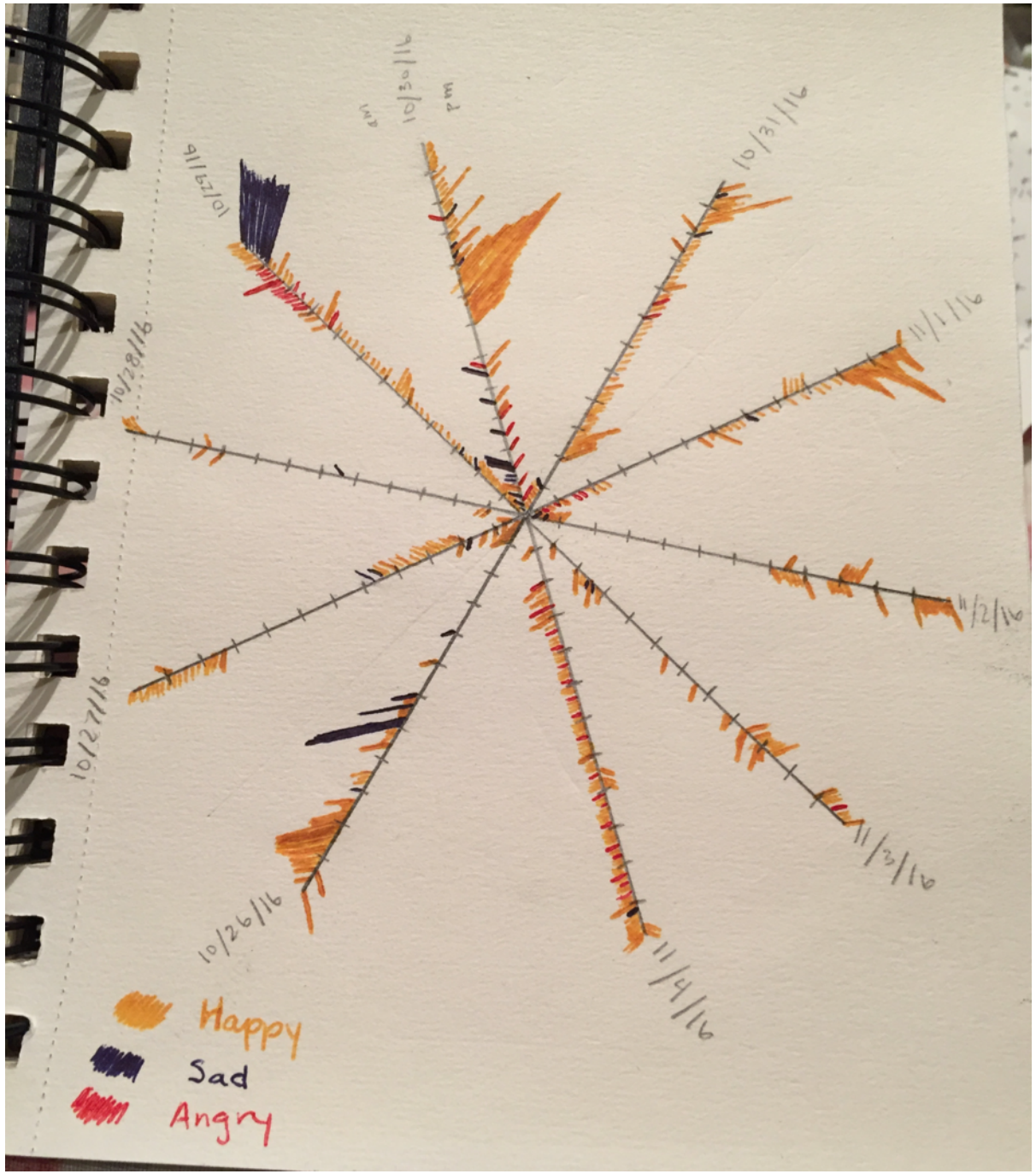


This is the dear data that I did and it's how many cups of water I drink a day. Its measured by every two hours from 8 am(when I wake up) till 10pm. Each cup represents one cup. I enjoyed brainstorming what to do for data visualization.



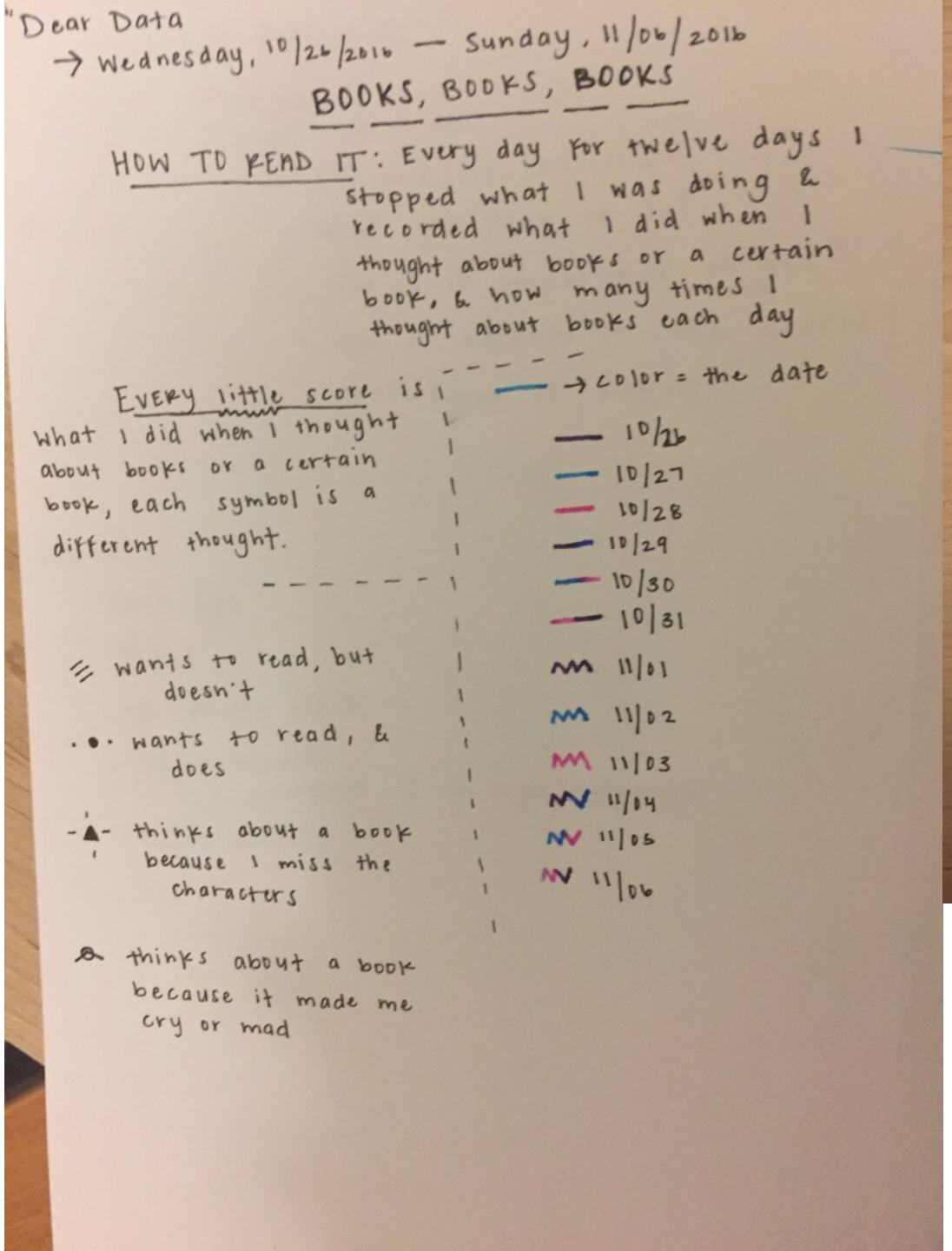


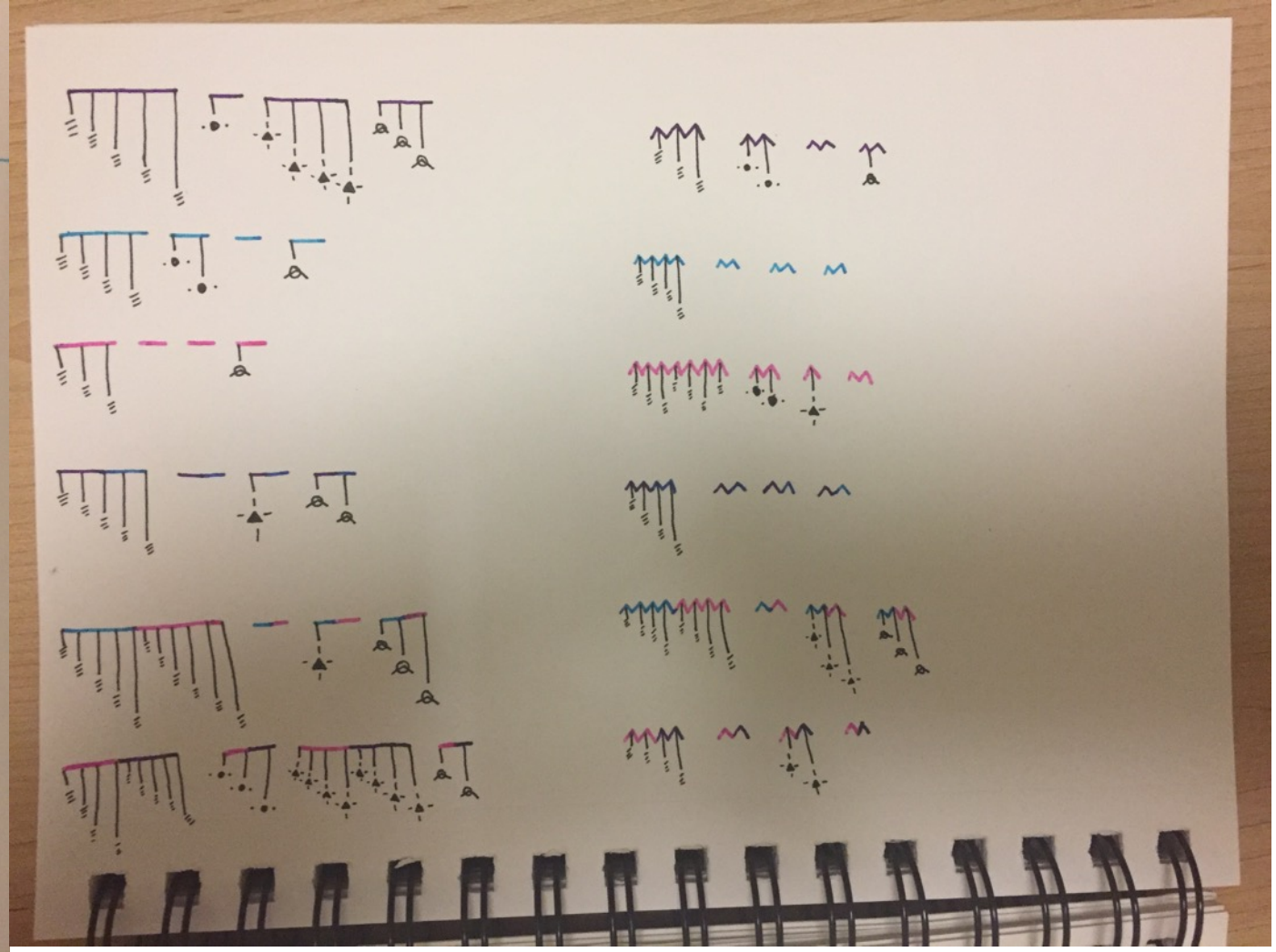
I tend to be extrememly indecisive, so I decided to track my indecisiveness.



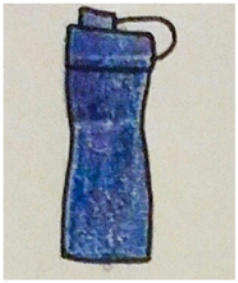
For my dear data I kept track of how one person made me feel throughout the day. I color coded the emotions, each line from the center is a different day, the left side of each line are the morning hours, and the right side of each line are the afternoon hours. The data showed me that this person pretty consistently makes me feel happy, but they are also capable of making me very upset.

I did Dear Data on my 2 months old baby. I track the things i do with her, like diaper change, feeding time and etc. This activity help me understands her more by knowing how much milk she drink a day and how many diapers i have changed.

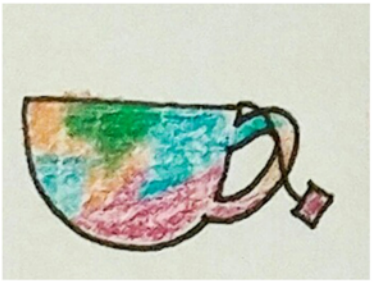




Doing this project, I learned that you really needed think a lot since you had to remember to stop what you are doing to keep track of the thing you were trying to keep track of.
What I did was keep track of how many times I thought about a book and read it, how many times I thought about a book and didn't read it, how many times I thought about a book because I missed the characters, and how many times I thought about a book because it made me cry or sad.
I chose to do this because I love to read a lot and it's something I would rather be doing than doing homework or anything that is really time consuming.



water



ACV tea

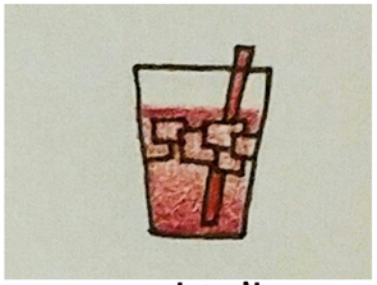
wine

chai (school)

chai (home)

starbucks

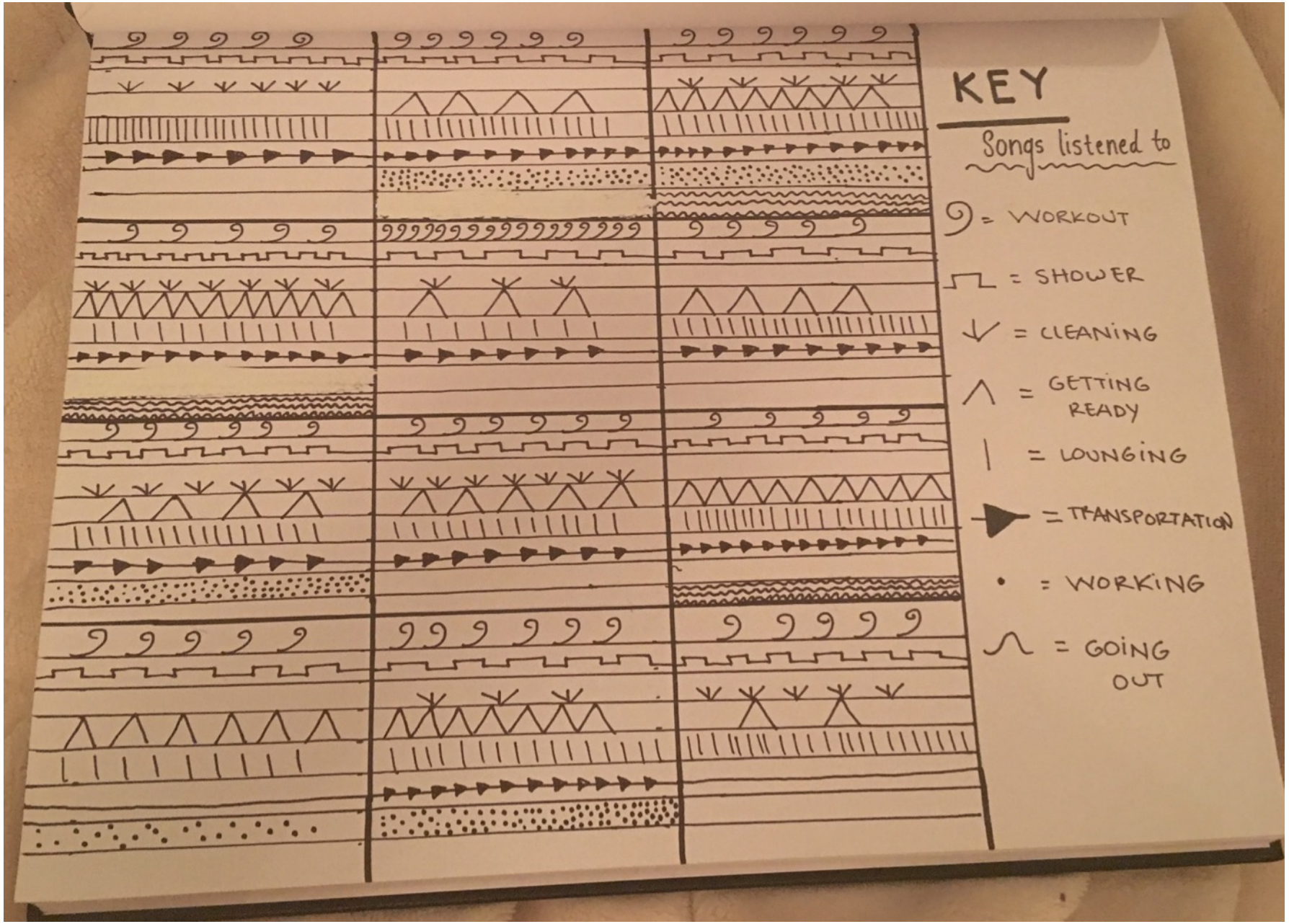
smoothie



cocktail

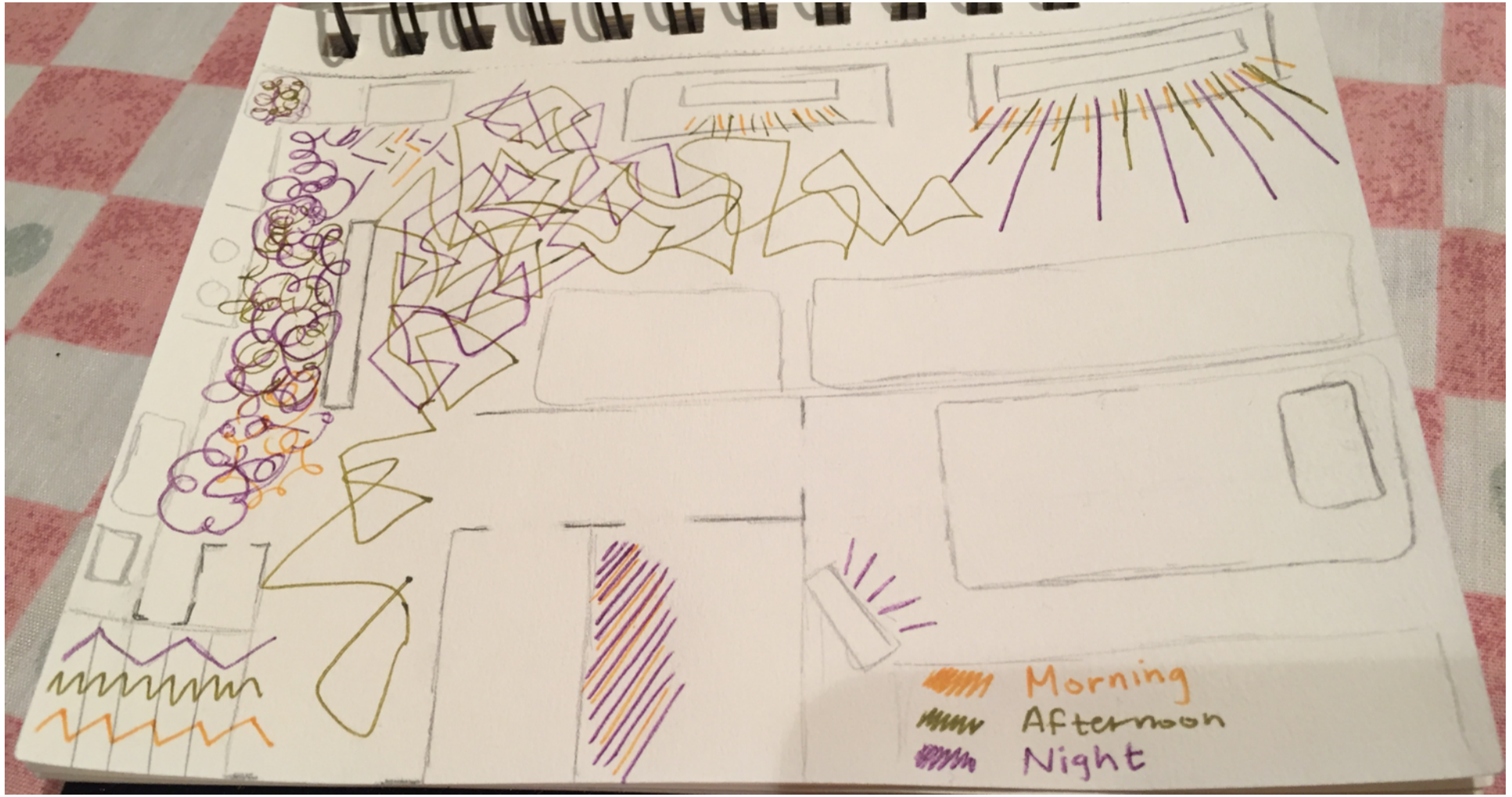
tea

For my data visualization project I decided to track what I drank over the last two weeks. I kept a written log, then on the last day turned it into an image. I didn't want to split is apart by each day, but rather try to make an interesting picture to look at. (I was inspired in my layout by a shirt I saw abroad, similar in style and format, depicting the different type of glasses for drinks). I don't feel that this is a completely accurate representation of what I normally drink, as a couple of different events happened over the course of it: Halloween, and I got sick. During those times, I drank certain things that I don't normally on a regular basis. I realized I didn't drink as much wine as I thought that I did (but again that may be because of the other circumstances). I also realized that I need to drink more water.

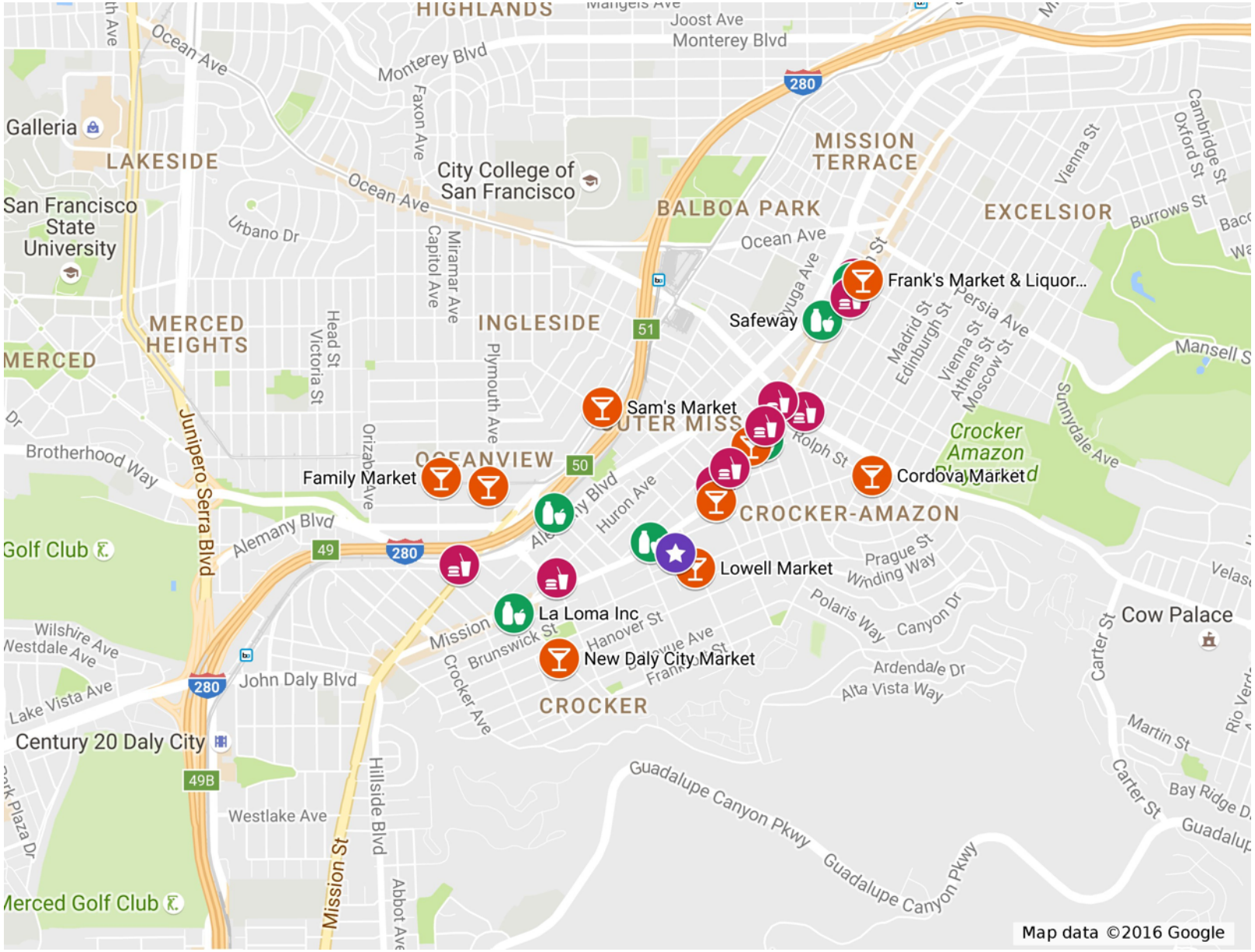


I think this assignment was very interesting and difficult as well. Because I chose to count the number of songs I listened to in a day it was very easy for me to get distracted and that is why I broke my data up into different sections. There was a couple sections that were strictly average, for example work and going out. I took the average amount of songs listened to in an hour multiplied by the amount of hours I engaged in my activity. Based off these results it was very noticeable for me to see a routine. For example, I workout for the same amount of time everyday, take longer to get ready when im not going to school and I lounge around a lot. This was a very interesting and fun assignment.

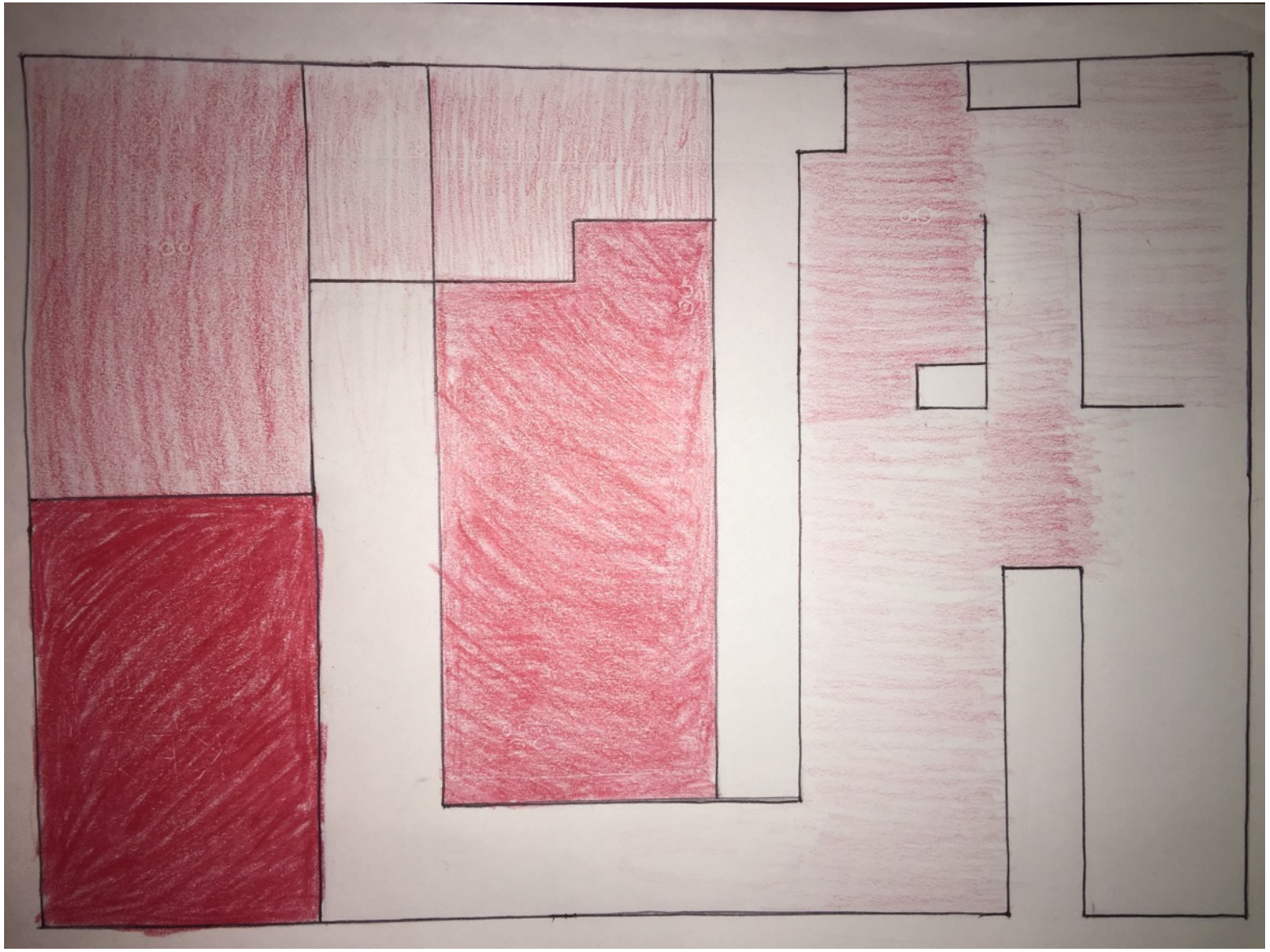
RG27: Personal Mapping



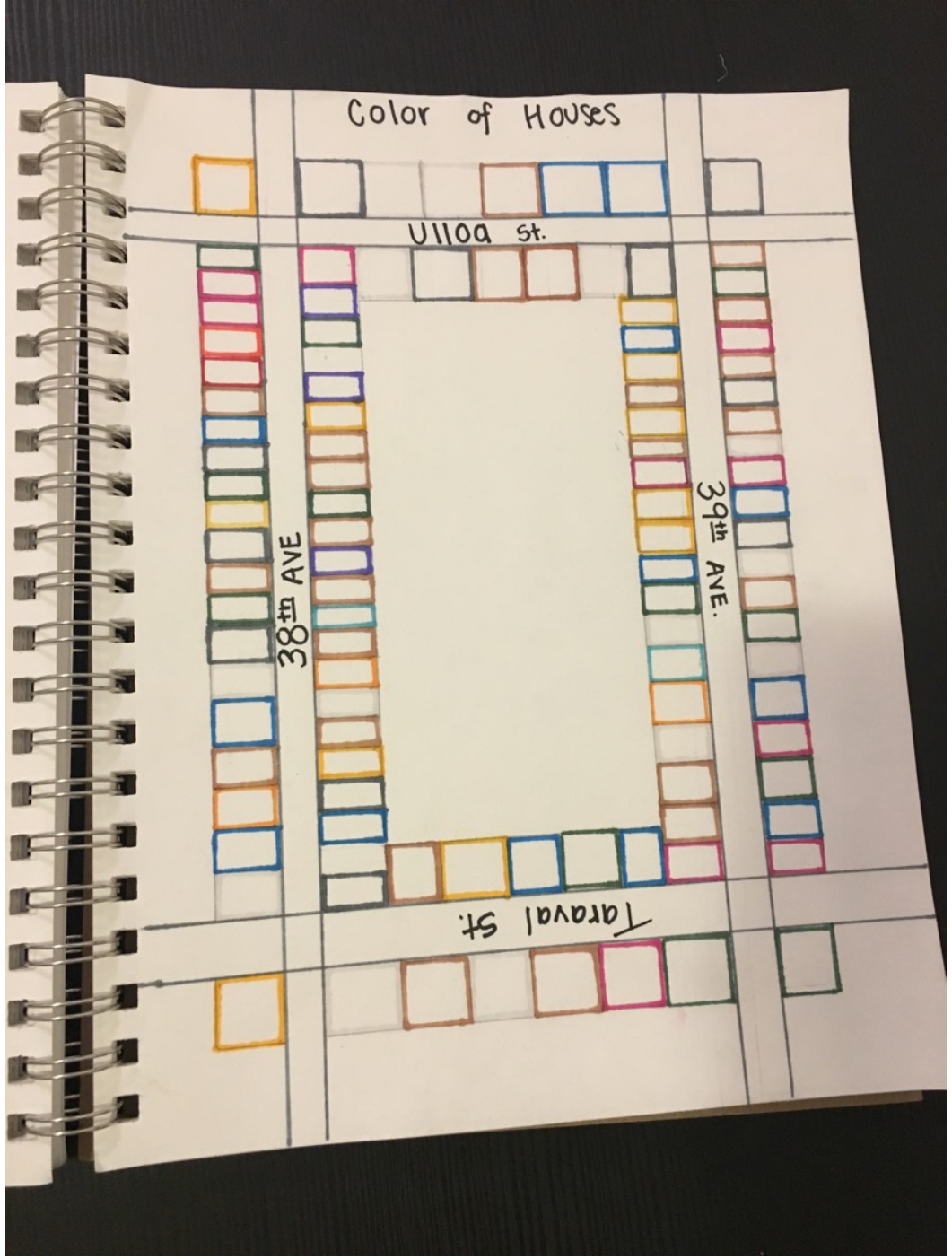
For this assignment, I mapped out the sounds that happen throughout the downstairs of my house during different times of the day. The color depict the different times of day, and the shape of the lines is supposed to prompt what the sound is like.



I created this map with the help of Google Maps to show the various food options in the Excelsior neighborhood, focusing specifically on options within a 1-mile radius of Longfellow Elementary School (shown with a purple star) where I have worked for two years in their after school program. Many of the students here live within a short walking distance of the school and are under the care of grandparents or nannies after school. The school has long been fighting to instill healthy food choices in the students, which is why I chose to map out grocery stores or smaller markets with a selection of fresh produce, liquor store markets, and fast food restaurants. As you can see, the liquor store markets (orange) and fast food establishments (red) far outnumber the groceries with fresh produce (green). After looking at the map, it's clear to see why many of our students would rather have Little Caesar's or Popeye's than fruits or vegetables, since it is so easily accessible.



For my map, I chose to do the noise levels in my apartment. The darker the red, the more noise can usually be heard coming from that area.



This is a map of the color of every house around 1 square block of my neighborhood. I choose colors of houses because the sunset is unique with its colorful houses and I've always been so in awe of the variation because I grew up in a neighborhood where all the houses were a different shade of brown.