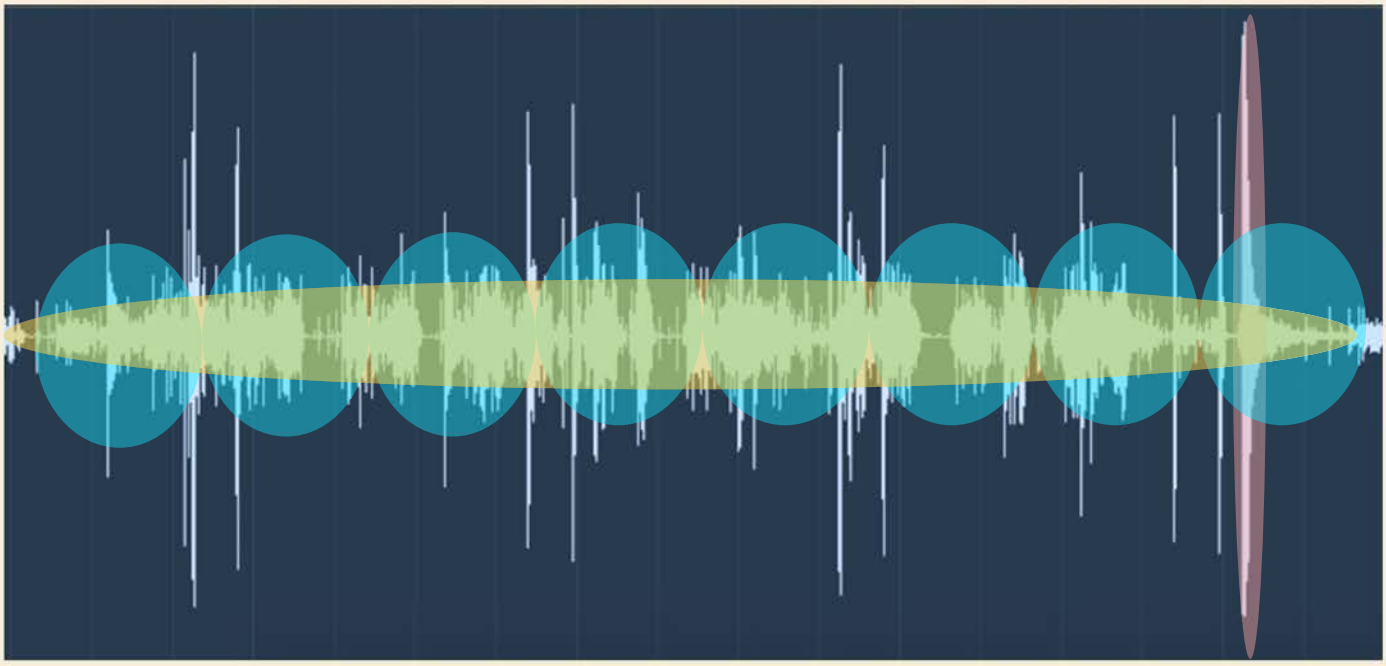
Assignment 4

Mood Box

Individual sketch models

Gloria . Natasya . Gerald
G07. Group A.

Gloria's Wavelength Analysis



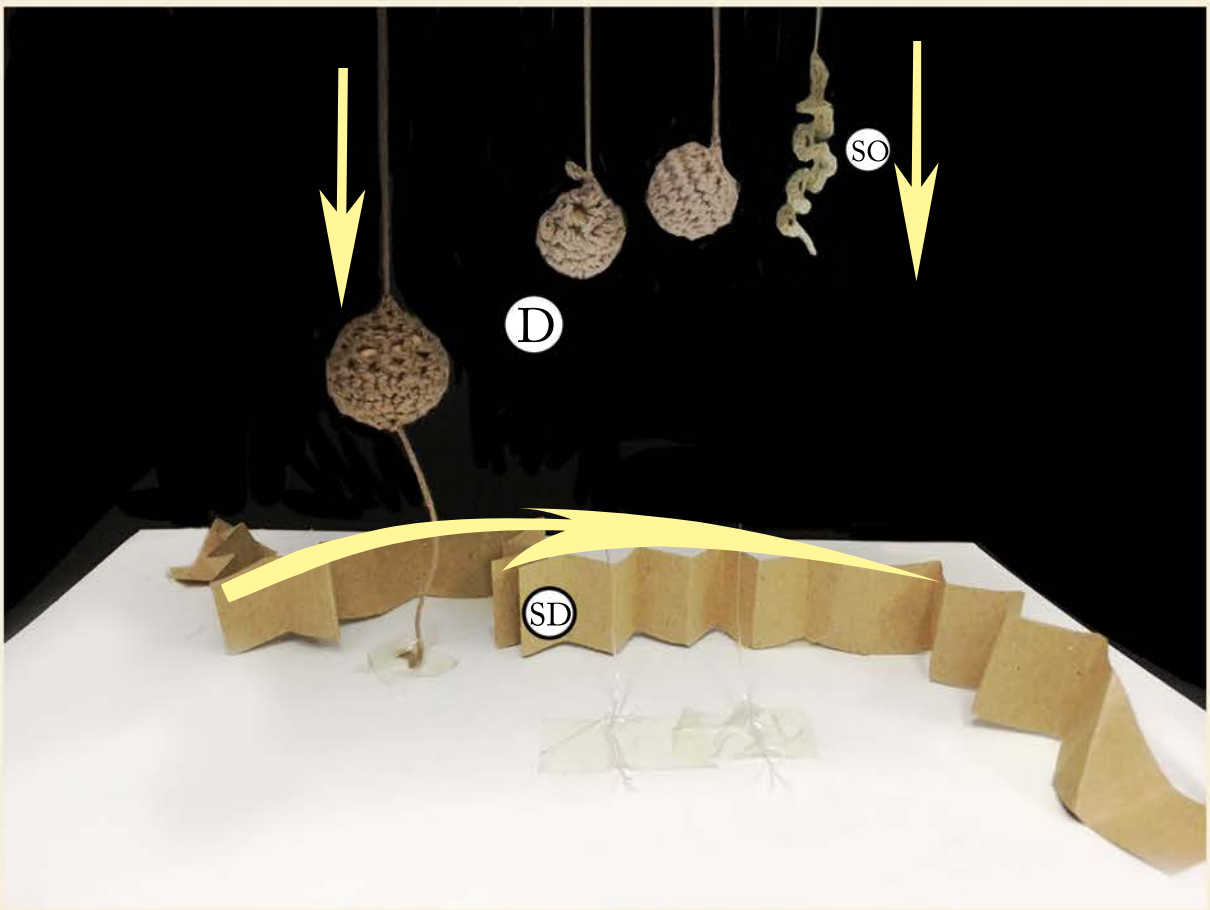
D
SD
SO

Intruments:
Wooden Sticks - D
Egg Shakers - SD
Finger Cymbals - SO

Based on the wavelengths alone, it is a little bit difficult to differentiate the D and SD as they overlap but the rough idea is there.

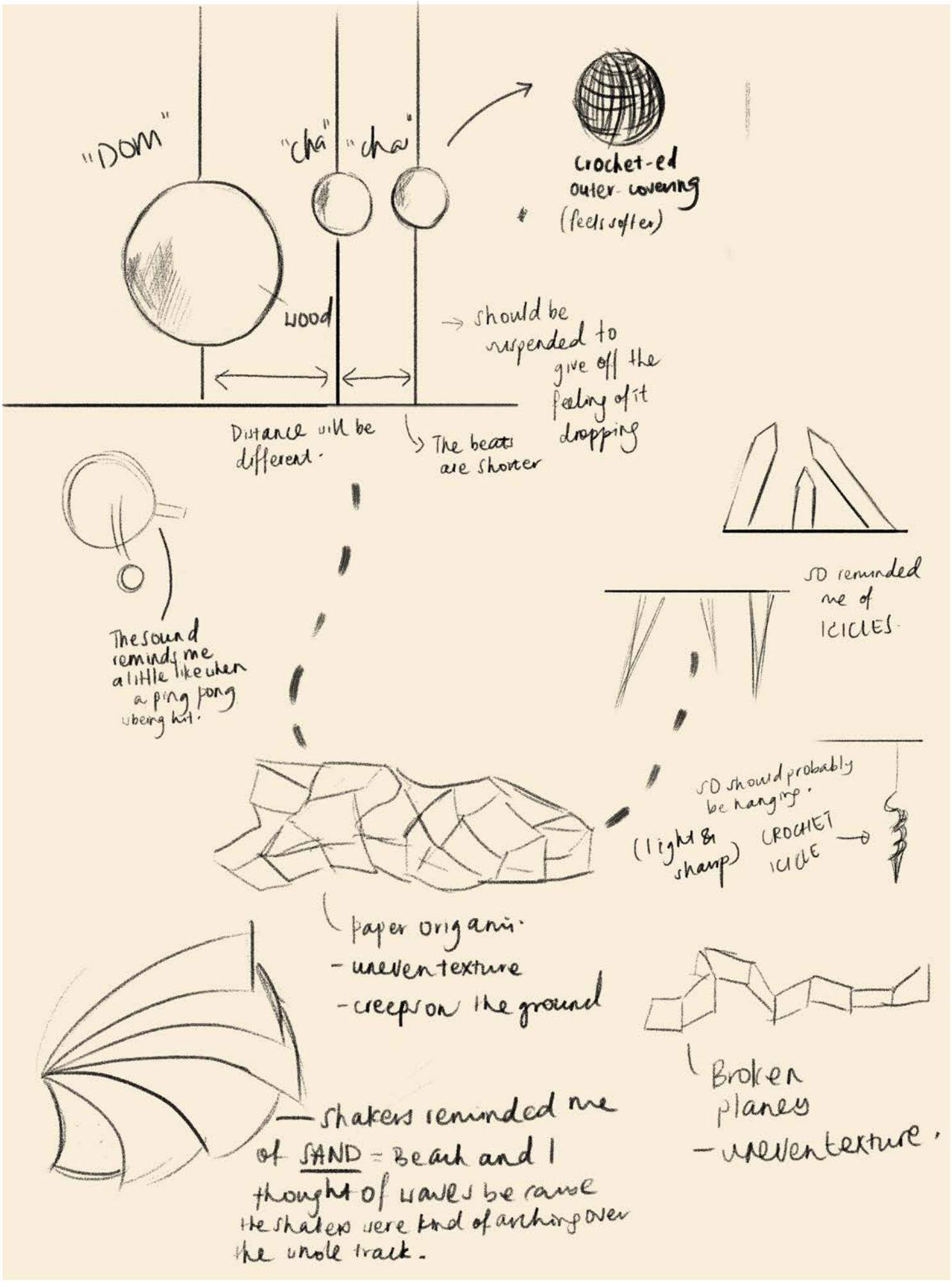
The wooden sticks came in a tune "dom cha cha" that repeats itsself. The egg shakers had a constant volume and it was playing throughout the clip. The finger cymbals came at the end of every 4 beats and it is just a sharp and clean sound.

Gloria's Sketch Model

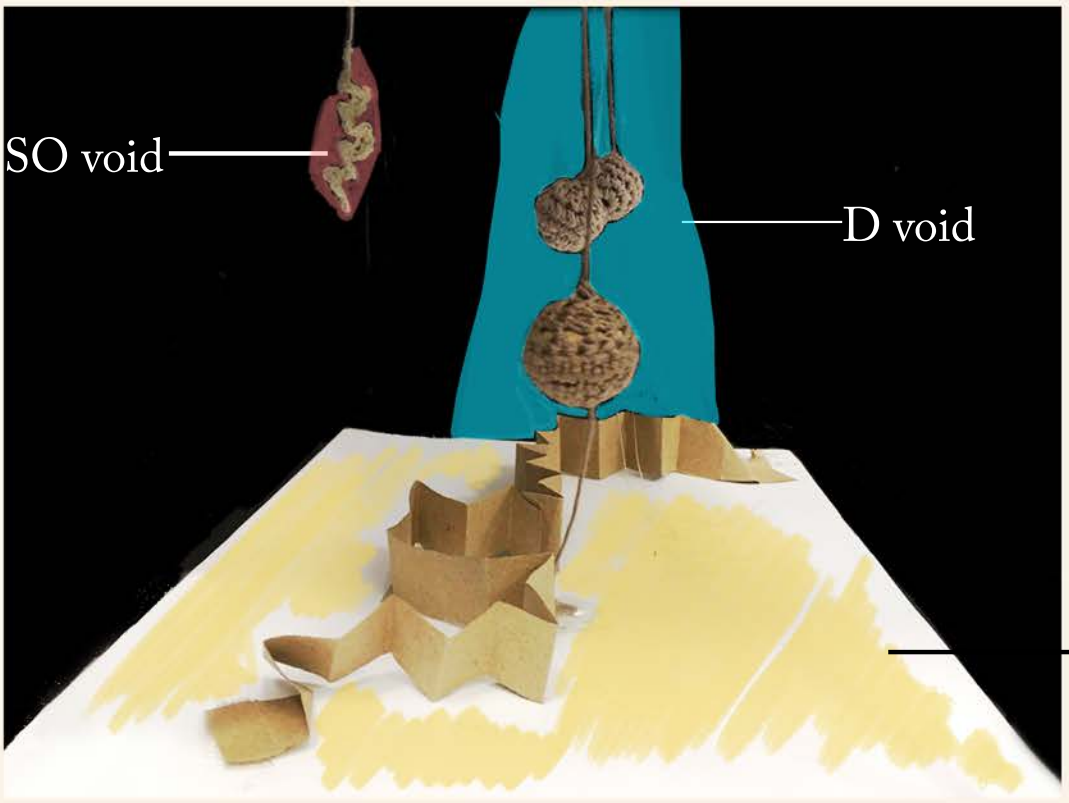


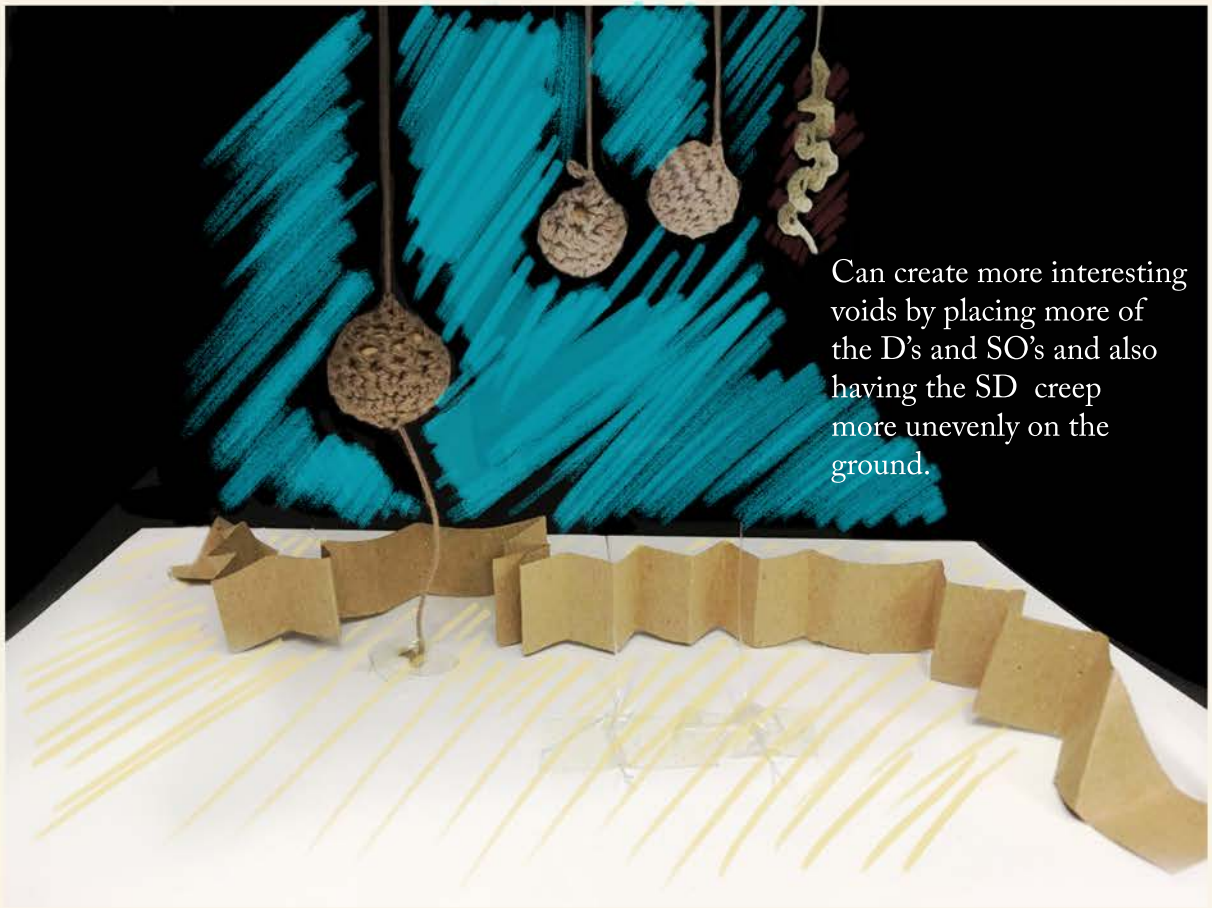
Since I felt like the sound sequence I chose reminded me of nature, I decided to go with the earthly tones in my model. My dominant pieces, represented as the crocheted balls, were the "dom chacha" of the piece. Since the "dom" was heavier, I represented it with a bigger ball while the "chacha" with smaller balls because they were short. The beat is also represented in the spacing between each other. I used the broken planes to represent my SD because I thought that the egg shakers sound rough. I kept the height of the brown paper constant because the eggshakers had a regular beat. For my SO, since the sound was short and only occured once, I represented it as a crocheted spiral. I wanted to represent it as an icicle

Gloria's Sketches

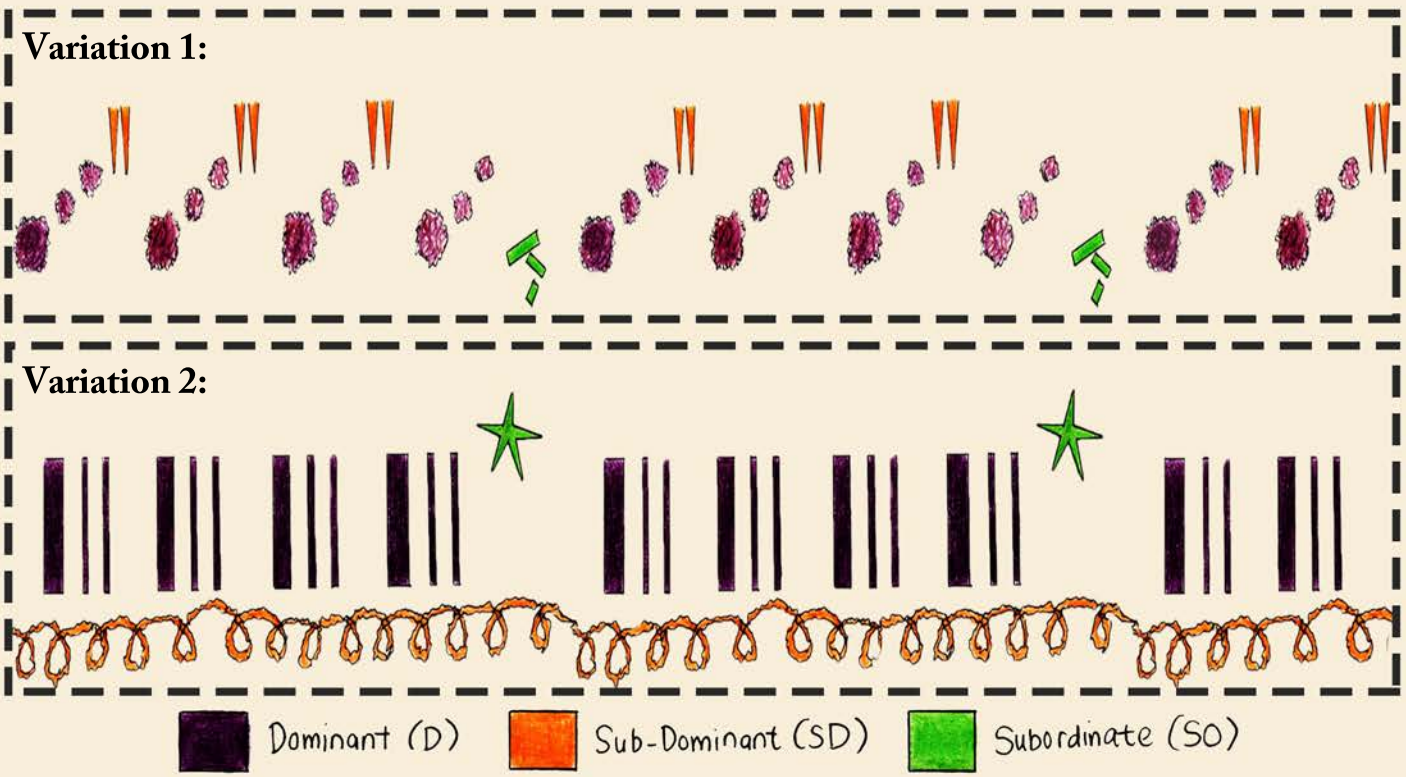


Gloria's Sketch Model - Voids





Natasya's Wavelength Analysis



Variation 1
The pace is faster compare to the previous one, making it more cheerful and showing a fast and more energetic feel. It also gives a sense of hurry. Also, the SD become more and more intense over time.

D: egg shaker
Repeated pattern, shaky yet constant sound → circular shape with irregular border.

SD: hand cymbal
High pitch with a repeat of 2 counts per set, sharp and flying feeling → hanging sharp stalaktit-like shape

SO: dropped stick
Heavy yet interesting, rigid and fix → shape of falling block

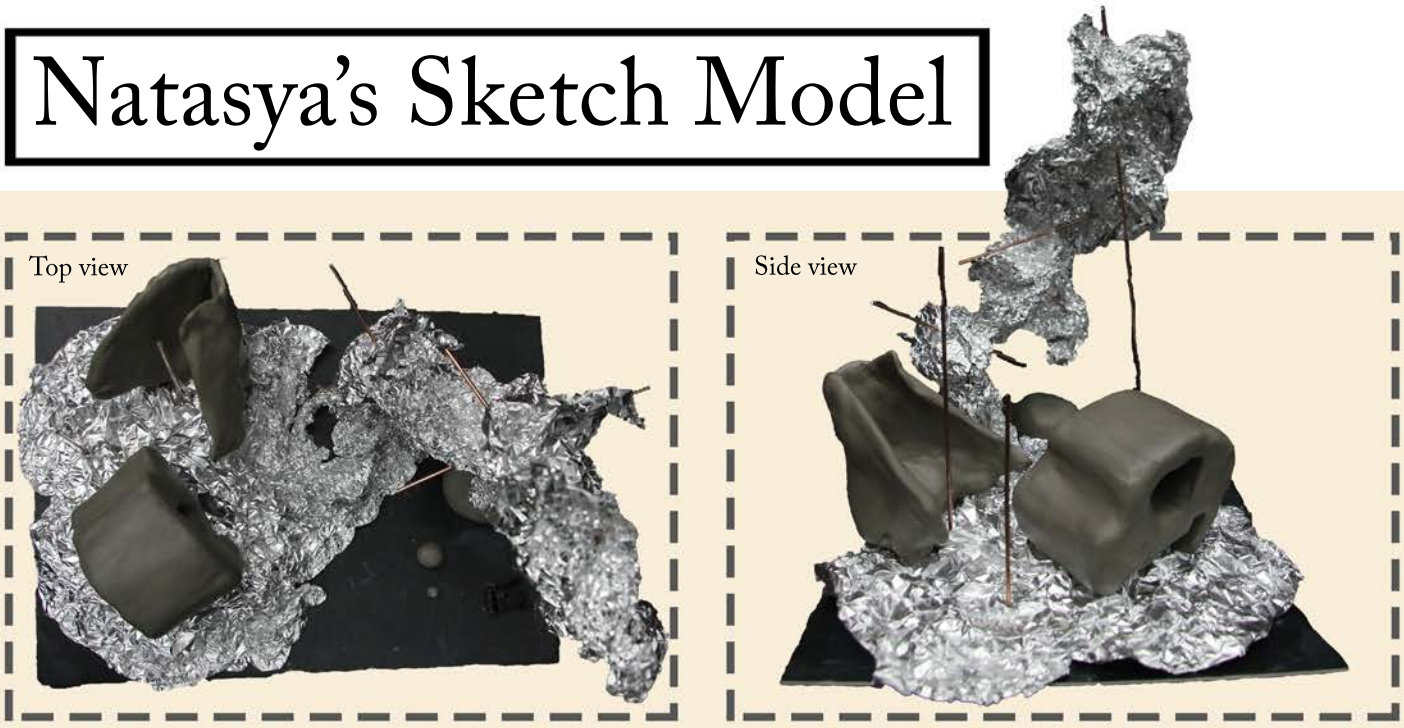
Variation 2
The rhythm that it gives remind me of a relaxing and not so serious mood, it also sounds like the starting of a song.

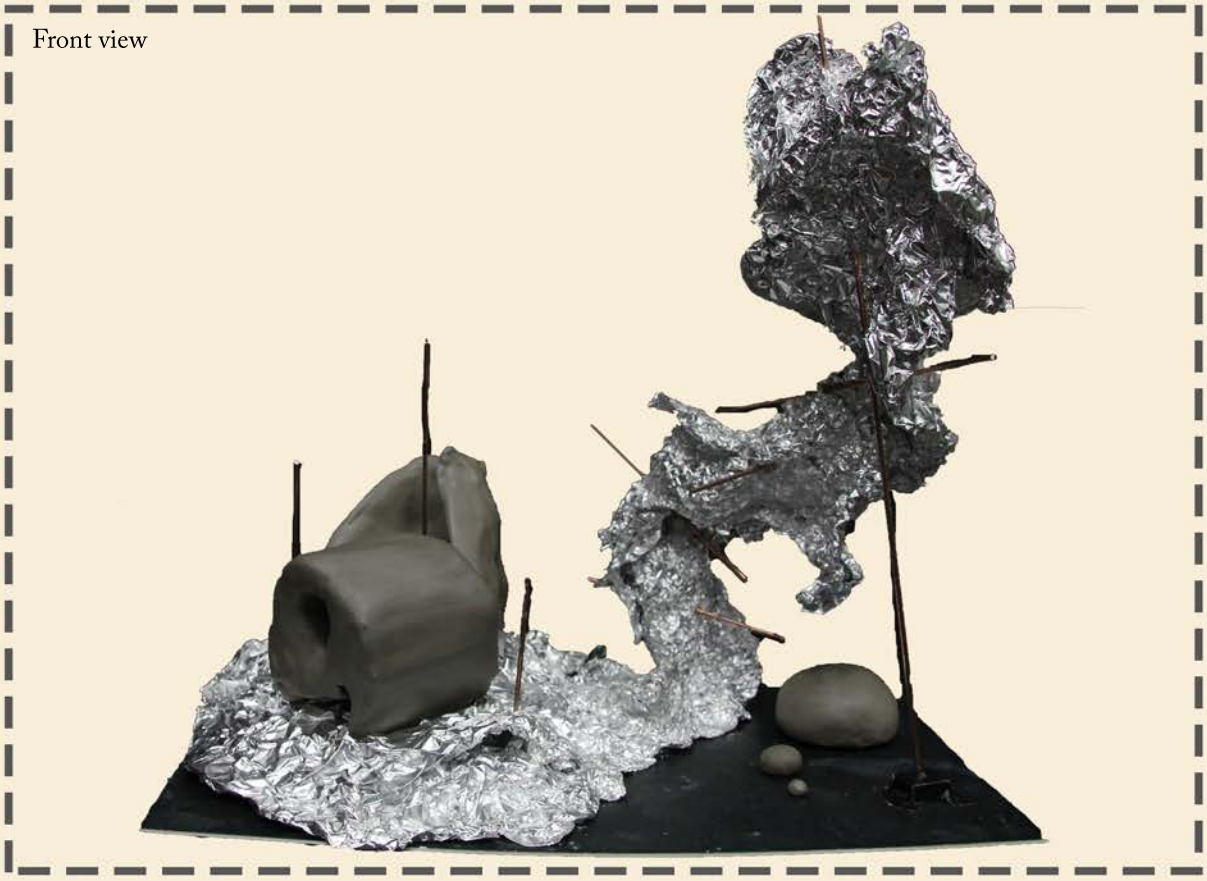
D: stick, a set of 3 count in each time.
Light but rigid and constant → shaped as thin straight lines in a set of 3 which match the sound: "dom cha cha", "dom cha cha".

SD: egg shaker.
Crisp, loud, continuous.
Regular pattern but irregular as no exact sound is precisely repeated, similar but different.
Can imagine that the shaker is being turned around → spiral shape made of irregular lines.

SO: hand cymbal at the end of every 4 set of D.
High pitch → flying higher than the D and SD.
Sharp, feels like something pointy → shape as sharp star after every 4 count of D.

Natasya's Sketch Model



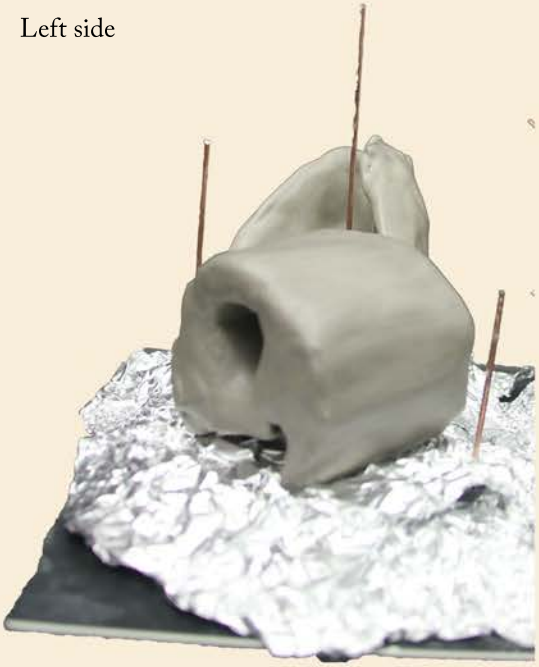


For my sketch model, I am combining both variations. On the left side is Variation 2 and the right side is Variation 1.
I decided to use the same material for each instrument.

Material
Egg shaker: Crumpled aluminium foil as it gives out the feeling of 'crunchy' and 'crispy' sound that match the egg shaker's sound
Stick: Shaped clay as it gives the heavy feeling, considering that the stick has the lowest pitch and 'heavier' sound compared to the other two
Hand cymbal: Straight wire as it gives the feeling of sharpness and the shiny color (represents metal) also emphasize the feeling of hand cymbal as it is made of metal also

Explanation

Left side



Left side (Variation 2)
D: clay (give the heavy feeling) and big size is big → show dominance.
A hole → reduce heaviness to represent hollow and light feeling of the stick's sound.

SD: crumpled aluminium foil → shaker crispy sound.
Base of the composition as the sound of the egg shaker is constant throughout.

SO: straight wires pierced perpendicularly through the aluminium foil → sharp and piercing through SD sound.
SO sound never intercept with the D sound → wires not touching the clay.
Only 3 piece → the sound does not repeat a lot compared to the other 2 sounds.
the SO sound never intercept with the D sound. There is only 3 piece is also to show that it doesn't repeat a lot compared to the other 2 elements.

Right side

Right side (Variation 1)
D (previously SD): a rising crumpled aluminium foil → show dominance.
Feel that the element of each D sound is rising up (see sketch) → rising structure.

SD (previously SO): sharp sound → pierced through the aluminium foil.
Feels more intense over time → increasing length as the aluminium structure rises.

SO (previously D): dropped stick sound → represented as drops of water in my mind hence made of sphere shape.
Clay dropped from high to get the falling shape → give

Transition

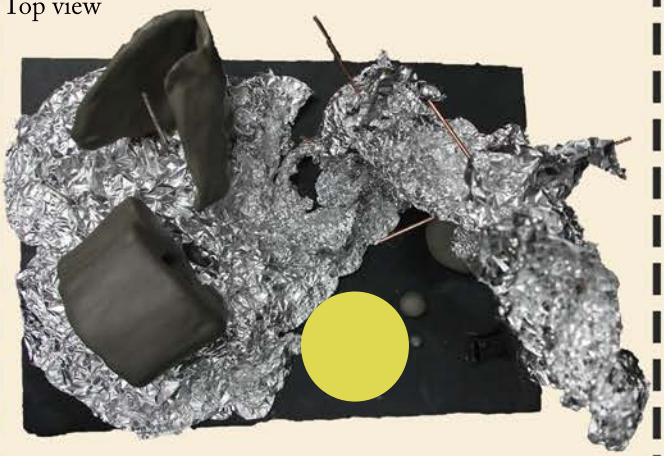
The transition
When I listen both recording continuously, I feel that the biggest change is in the egg shaker sound. Its constant SD sound from the variation 2 suddenly change tempo and become faster as it becomes D in variation 1. Hence as the one with most significant difference, I keep the aluminium foil as the only transition between both sides. It transits by getting smaller in area of left side before rising up in the right side.

Model's Analysis

Front view

Side view

Top view



From front view: model has interesting voids. The activity occupy two-third of the composition. The size of D clay is very small compared to the size of the D rising alumunium foil, making it looks insignificant and small. Personally, I found the front view of the model is really attractive as the composition and flow is somehow dynamic and enganging for me to see.

From side view: model has balance negative spaces which occupy the top space. The cluster of activity focuses on the bottom part of the model, making the D clay looks heavy, unusual and dominant.

From top view: It has an interesting, weird and unusual shape. From the top the different sides are not so distict, instead it seems like they are one connected part. Also, the size of crumpled alumunium as SD on the left side is too big, reducing the sense of dominance of the D clay.

Improvement

On the right side, the wire that represents SD can be pierced in pair as the instrument was played in pair for the recording.

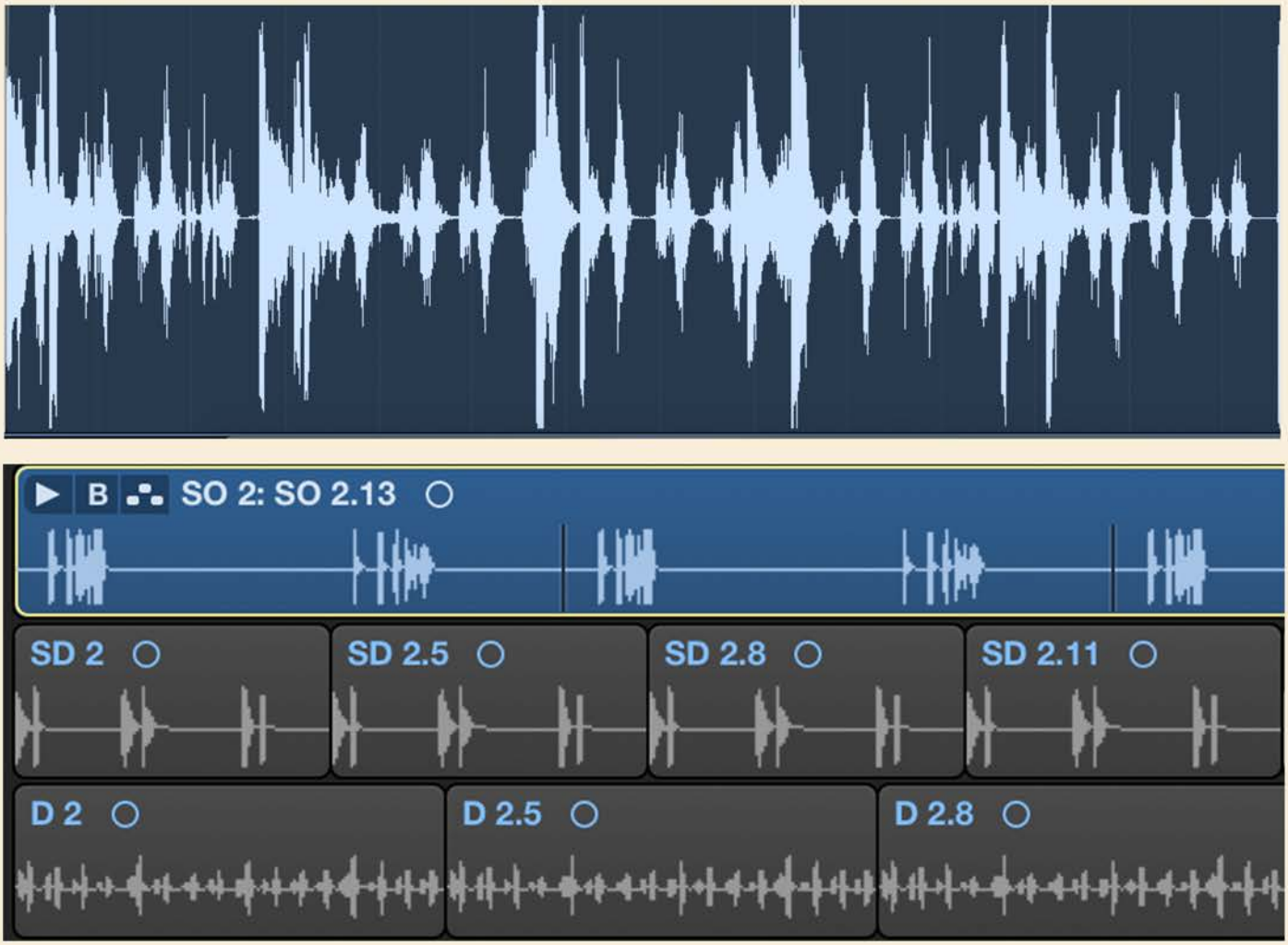
On the left side, the area of SD aluminium foil can be reduced to decrease its dominant and make the composition more balance. Also, the transition between left and right can be made clearer, more obvious and more significant.

Reflection

I found this project interesting as it involves music and personal interpretation of the recording. Also, the combined idea is interesting but challenging at the same time. Overall, I realised that I learned a lot from this experience.

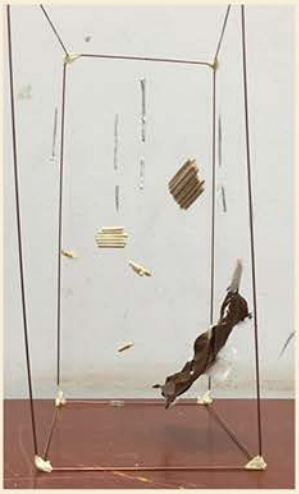
represents void/ negative space

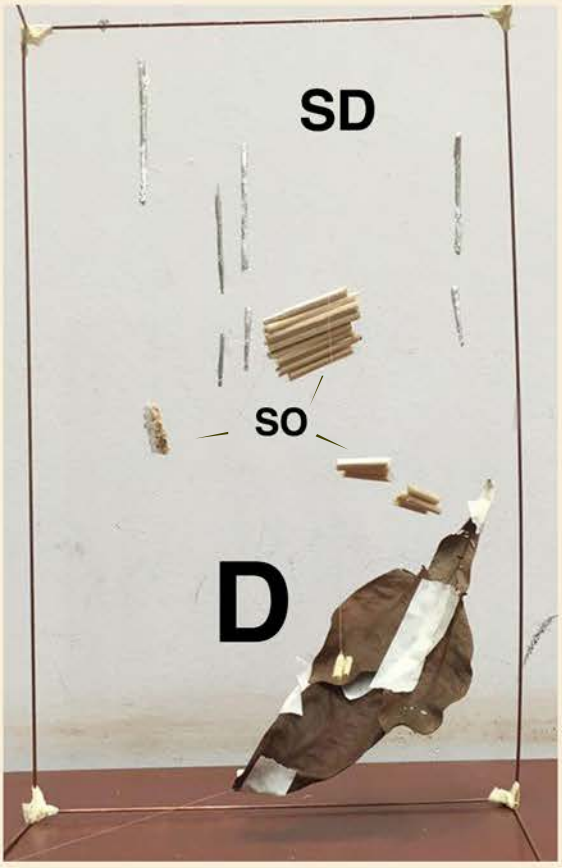
Gerald's Wavelength Analysis



The egg shaker (Dominant) has 1 beat of a higher volume and 3 beats of a softer volume in 1 bar.
The finger cymbals (Sub-Dominant) gives off a sharp and ringing sound two times in half a bar.
The wooden stick (Subordinate) drops on the table once every 4 beats.
Overall, the audio file gives a tribal feel.

Gerald's Sketch Model





I used a dried leaf as the Dominant as it gives off the rustic sound and does give a concave shape.

The Sub-Dominant pieces are little silver rods which matches the sound of finger cymbals. It has two parts to the audio sample, thus there is a longer piece and shorter piece.

The Subordinate is made with chopsticks sticked together as the audio file has the sound of a wooden stick being dropped. It is arranged in a spiral manner as the sound reverberates around the rooom.

Gerald's Sketches

The Dominant leave is concaved and is two-thirds bigger than the Sub-dominant aluminium pieces. The leave is placed at the bottom as it is constant throught the audio file.
The aluminium foil rod comes in pairs and is spreaded across in the space. The Subordinate pieeces will become smaller as it descents as referenced from the audio file. They are one-third the size of the Sub-Dominant in terms of length.