Final Project Proposal

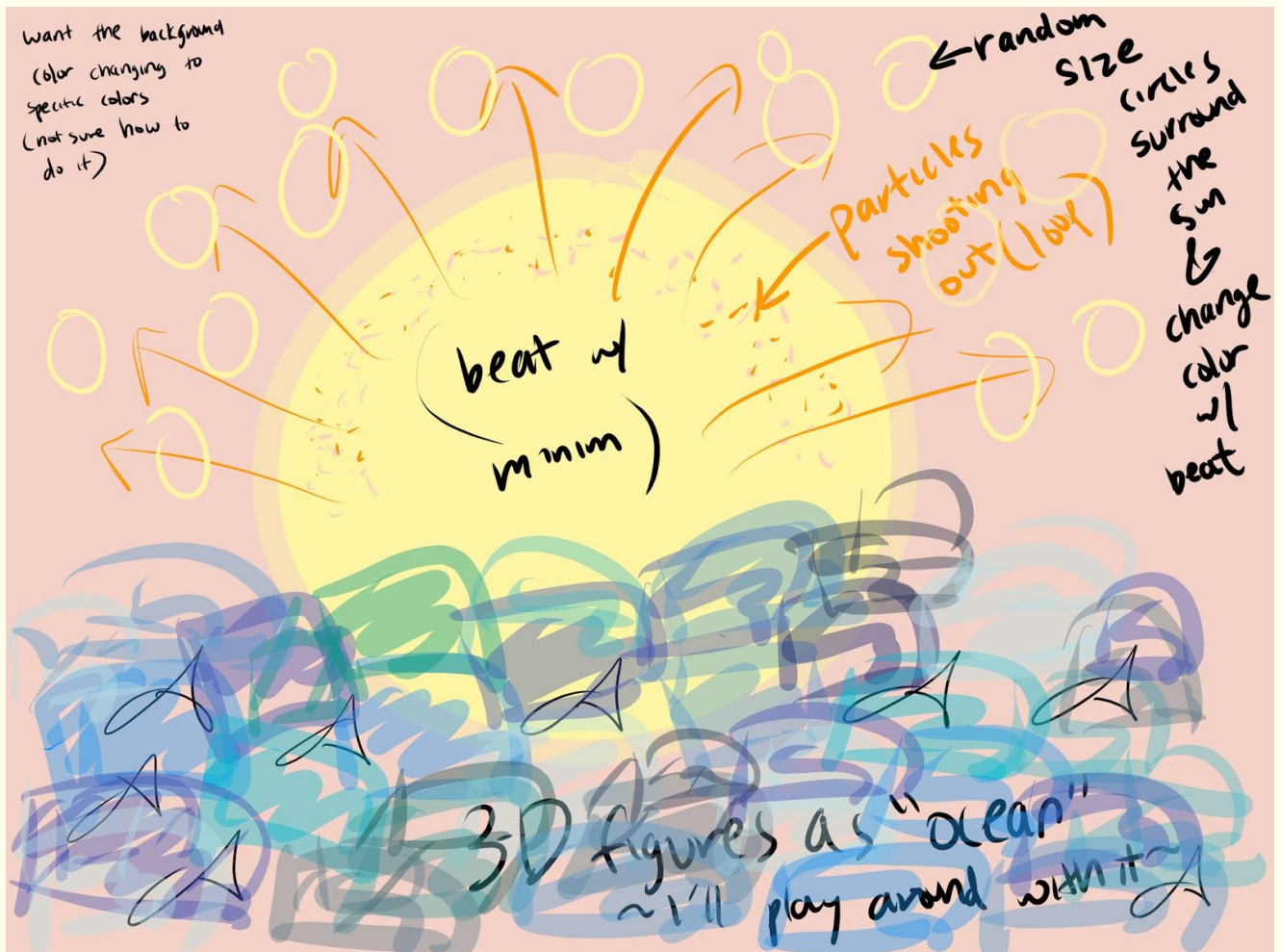*tentative* **Title:** Dancing Sunset

Artist: Crystal Leung

Description of the work:
Recently I've been missing the beach sunsets in SB, so I wanted to
revolve my project around a sunset image, created by different 3-D
shapes for an ocean and ellipse for a sun. I wanted to set a song
that reminds me of the beach or Santa Barbara, and have the shapes
move with the beat and different colors catch my eye in the same way
that I would watch the sunset and listen to music while biking in
Isla Vista or on Campus.

Code Concepts to be utilized//Challenges that may be encountered

I hope to highlight the use of minim to create a beating like
movement for the sun that goes along with the song, and create a
different frequency for the mini circles so they can change colors
based on the beat. Instead of random colors, I want to have a
specific range of colors that the mini circles would randomly change
to. I'm not sure how to do this, so it may be a challenge that will
occur. I hope to utilize this same concept to create a random set of
color change for the background if possible. I want to explore the
ability to possibly overlap images, as I want the sun to look as if
it is behind the ocean, which I am not sure how to yet. I also wanted
to utilize the concept of particle arraylists to create a loop of
bursting particles from the center of the sun. I haven't played
around with looping this movement, so this may be an obstacle I face.
I also wanted to use the mousePressed or keyPressed in some way to
either change colors, the rotation of ocean figures,etc. Lastly, I
was inspired by Michelle's crystal like particle clumps from her
project last week, and wanted to utilize a similar concept for the
ocean. (I envisioned a vaporwave effect for the ocean at first, but
think this is a little too ambitious, as I have no idea how to create
that).

Sketch/aesthetic description of the work

Want the background color changing to specific colors (not sure how to do it)

←random size circles surround the sun & change color w/ beat

Particles shooting out (loop)

beat w/ mmm)

3D figures as "ocean" ~I'll play around with it~

Ideas for digital exhibition

I can look for a picture on my phone of a similar sunset (in the sense that the ocean and sun kinda align) , or find one on the internet, and then transition it to my current imitation of the sunset.