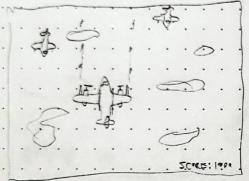
Brainstorming

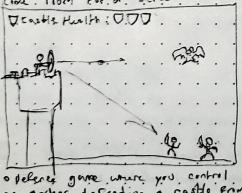
. Games to close (Optional)

- o' Dinosaut Game (curery There borne
- · Concentration (card same
- & Fregger
- · Break out
- o Bublok Strayli (Per & Avoid Bubbles)
- o Space Invaders

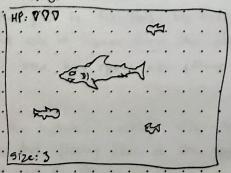
Size: 800 x 600. / 6.00 x. 800.



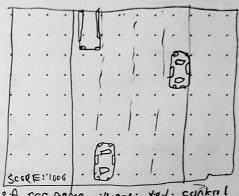
· Aerial combot game where you have to fight enemy places. Host. cione. From top of screen



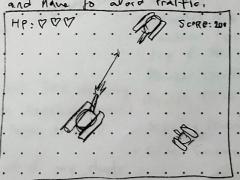
a archer defending a castle from MONSHOS.



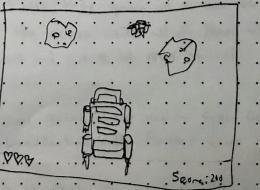
control a fish that change, bigger and bigger fish as you eat Rish. Fish that are the big deal damage.



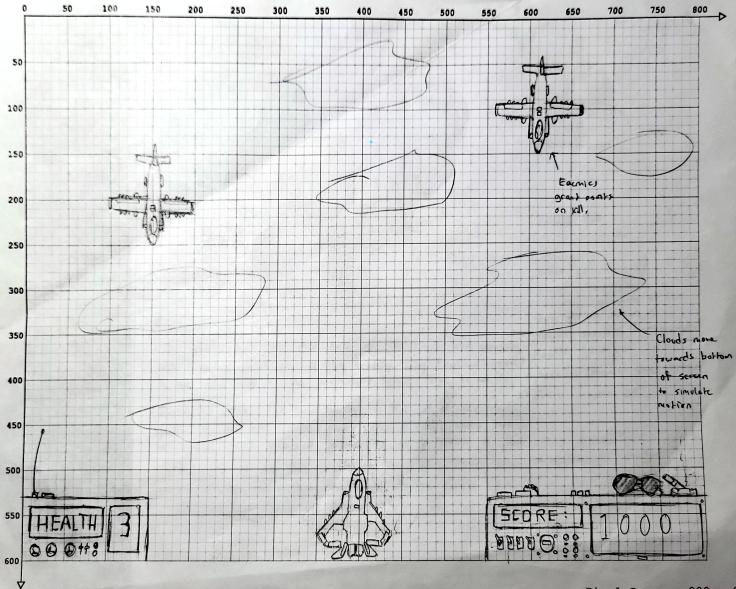
. A car game where you control car driving drun the MI. Mane to avoid traffic. the highway



tank combat game where you have to aim and fine turnet, would to move tank



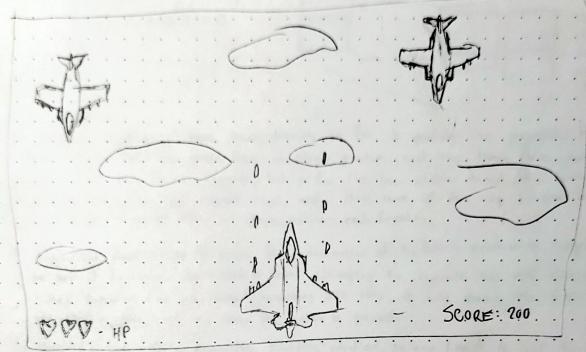
o A top down rection of Galactic Cleanup where you have to avoid asteroids and cillect garbage



Pixel Paper - 800 x 600 Graph Paper for Screen Coordinates

Plane Game:

to shoot down country. How come in from the lop of the screen. Enemies growth score ways willed you have 3 health, and running into enemies or meigher getting that by their weapons takes off one HP Run out of the and it's game over.



Mouse - Orns/Novigating, Meny

o One issue I had was that now of the clouds were weapping

in the same loop or two movement, I guess ! Pargot to use it.

Features:

·· Sheatings.

· Health (3. Hb) > . .

· Scoring (Enemies give peints)

spain in at once at the top, when I really want them.

- Le Managed to Pix this by having the Yvolve they spawn in at also be randomized, and obje to appear above the edge of the screen. While all of them still spawn is at once, they spawn at different Y values and look to let make matural.
- Sof the Ports working, and it was surprisingly simple: It's executally the same process.

 as the 2D textures.

of want to have a scrolling background to simulate movement, but I'm not exactly sure how. Perhaps I could just make one long image to scroll through?

La Monaged to Figure this out. I ended up gring with a tiled background that I made, and mind it down the screen. Once It hits the top of the image; (bg Position Y = 600), I set it back to the starting point, where it continues this process indefinitely It ends up looping smoothly, and doesn't look choppy.

If (bg Position Y = 600)

A image

To once it screen

gare window to the top

The biggest challenge I have been having so far is getting the projectiles to work I make been trying to spawn them on player position and then have them more upwards from where they spawn, but so far I've tree unable to set this to work. They been shaying an their spawn point, doct I think some of this may be due to how it been discountly them at player position each from i.

Turns out that I had to move the initialization of the bollets pisition to setup(). to get it to work. I also added a bout is shooting to separate the input from the bullet drawing function. Without something like this, it only draws the south. For like a frame or so when the button is pressed.

to fire from whenever the player correctly is.

4 After this the track challenge is to Right out how to get it to short repeatedly. Correctly 1ts. i. set to fire once, so I have to add a loop somewhere.

is I ended up adding a loop. In Game. cs. under the loop for every .

coffision It's very similar to the one for the player, but applied to .

the bullet instead . I originally toiced doing . this within the player .

class. but I could only get . It to . werk . properly . within . Game. cs.

to essentially news the code for the player collision, and make it so that hitting an enemy despounds the projectile, grants score and hides the enemy.

Le l'originally had the loop using bullets length for the condition; but theat wouldn't work. What worked was putting in active Enemy Count though that had the side effect of making the enemies too fast. To fix this; I just halved the vector 2 that was being added to the enemy's position each frame. This fixed the speed and didn't ruin the collision code the way that changing this movement vector from (0,6) to (6,3) did.

2D Game Project Concept Art - Plane

