

Superklasse

Moving Objects

xPos : number;
yPos : number;
xSpeed : number;
ySpeed : number;
restart : number;
end : number;
color1 : string;
color2 : string;

move();
draw();

(Parameters) xPos, yPos

Bubble ~~fish~~

radius : number;

move();
draw();

extends

(Parameters) xPos, yPos, color1

Food ~~fish~~

radius : number;

move();
draw();

extends

(Parameters) color1, color2

Fish1

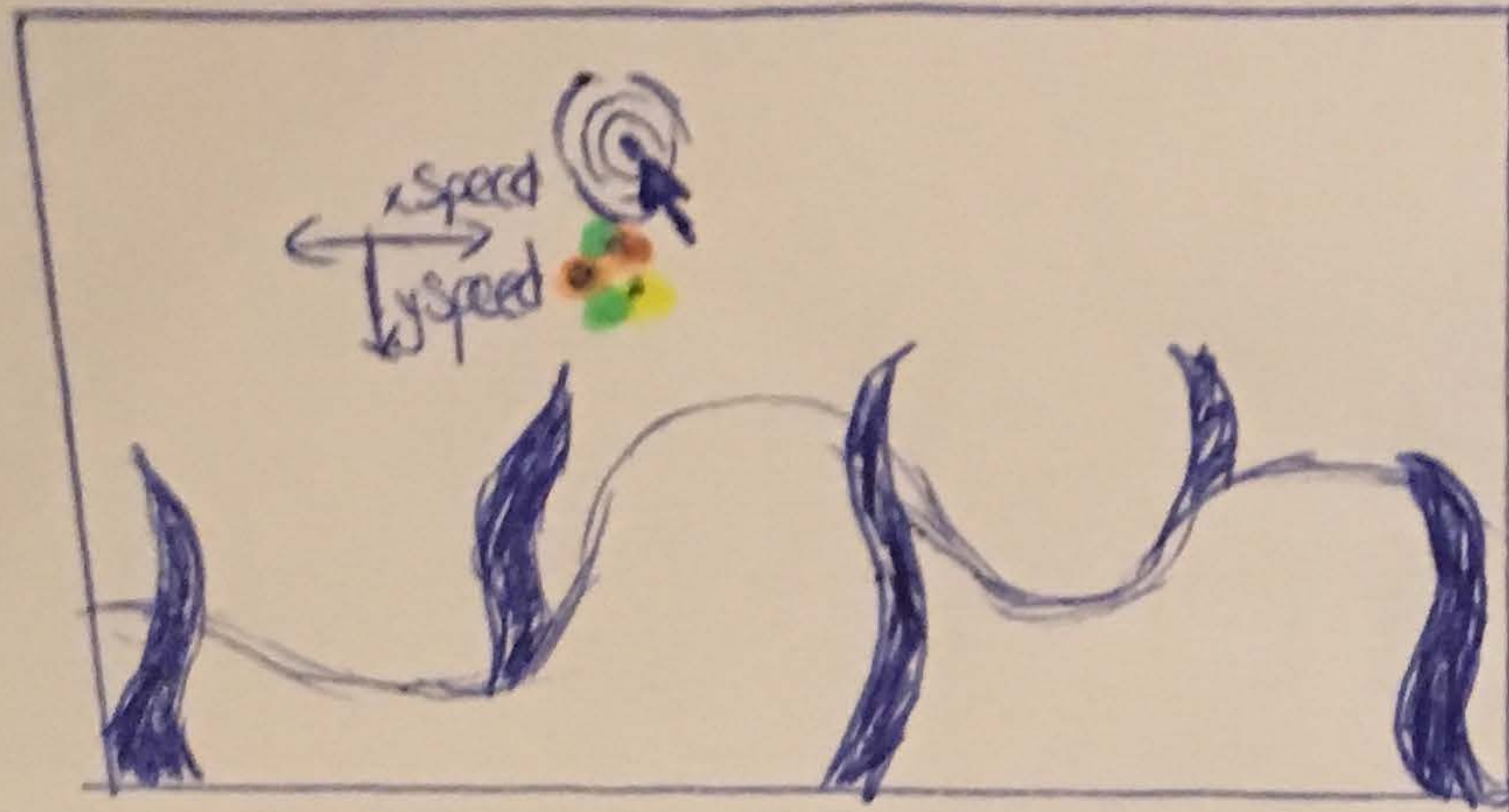
move();
draw();

extends

extends

Fish2

move();
draw();

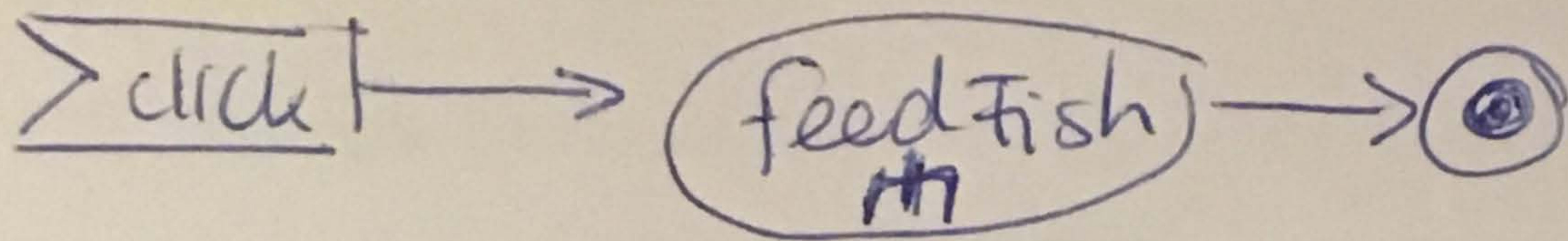


(simuliert Strömung)
x Speed \rightarrow "driften" durch
Hochrandem() unter
schwerlich stark

y Speed \rightarrow fallen verschieden
schnell

{ x is end }
 \Rightarrow Bereiche, indem
x Speed = 0
y Speed = 0

canvas.addEventListener("click") feedFish



feedFish

[event:MouseEvent]

let xPos = -event.clientX

let yPos = -event.clientY

$\begin{matrix} x\ pos = \\ y\ pos = \end{matrix} \} \text{css zentrierung ausgleichen}$

let n: number = AnzahlFutter

[i < n]

let random: number = food.length

let food: Food = new Food
xPos, yPos, foodcolor
random

movingObjects.push(food)

[i++]

[i > n]



init

