Class Diagram: Coronaliscus Vector + xinumber Moveable + ginumber crea - position: Vector + length: number - relocity: Vector constructor (x number, 4 number + set (-x: number _ y: num ber) à void + scale (- factor : number) à void + add (-addend : Vector) : void # expendable: boolean t move (_ timeslice: number): void + draw (): void + copy () - void minimumber movinance Veter + act Dillerence (vo: Vector - v1: Vector): Vector + is Hit By (- partmer: Movedole bodean + get Sum (_v0: vector v1: vector): Vector - hit Oi void + get Scaled - vivector, scale inumber) : Vector Corona Virus Particles Human Tell tsize 6 number + size inumber -type inumber +upe: number - tape inumber + stze: humber teonstructor (size: Konstructor (_size:number) + constructor (_ size in umber) in umber; _ position 2: Vedar +move (times ice number: + move (-timestice in umber): will constructor (Lsize) number; position 2: Voctor) + draw () = void +draw () I void +draw [)[Void

Movedole: AD -timeslike inumber constructor move call move of superclass Juper with a small chance shoot choose velocity x/4 as -speed, O or with a small change + speed change velocity 4 random 4 choose start 4- position (x=0)