

Mod Script Process

Teleportation Mod

Attempt 1

- Add Empty "Teleporters", Add Script "Teleportation"

Goal: If disc collides with Bat1, teleport to Bat2

- Add Bat1 and Bat2 rb.position

- Set-up CompareTag for "Disc"

- Issue: Bat1 and Bat2, trying to make it reference scene "Bat1" and "Bat2", but it also must be a vector2?

- Fixed!: Changed Bat1 & Bat2 to trigger colliders, then changed script variable to public Transform "teleportDestination", then in Unity set that to be Bat2.

- New Issue: Disc continues to accelerate as it goes through teleportation points

- Fixed!: Reset velocity on Disc

Complete!

Trampoline Mod

- Does not need script, just add bounciness to collider. New Idea: Duplicate "Disc" on collision with "Trampoline"

Goal: If Trampoline collides with Disc, add 1 Disc

- Added if statement (if ... DuplicateDisc function)

- Added DuplicateDisc function

- Issue: When Disc collides with Trampoline, it duplicates, but it does it a bunch of times and freezes/crashes Unity... Must change to duplicate Disc once.

- Fixed: Offset position & set to only duplicate original Disc.

Adding Scenes Together:

Create "VampiricPlinko" Scene

Add Player

Add Pegs & Peg Rows

Add Moon (Trampoline & Duplicate)

Add Bat1 & Bat2 (Teleporters)

Add Score Triggers

Issue adding background, I believe the skybox is in the way when I import it into Unity.

Assignment #5
2D Engine Mod
Plinko Project

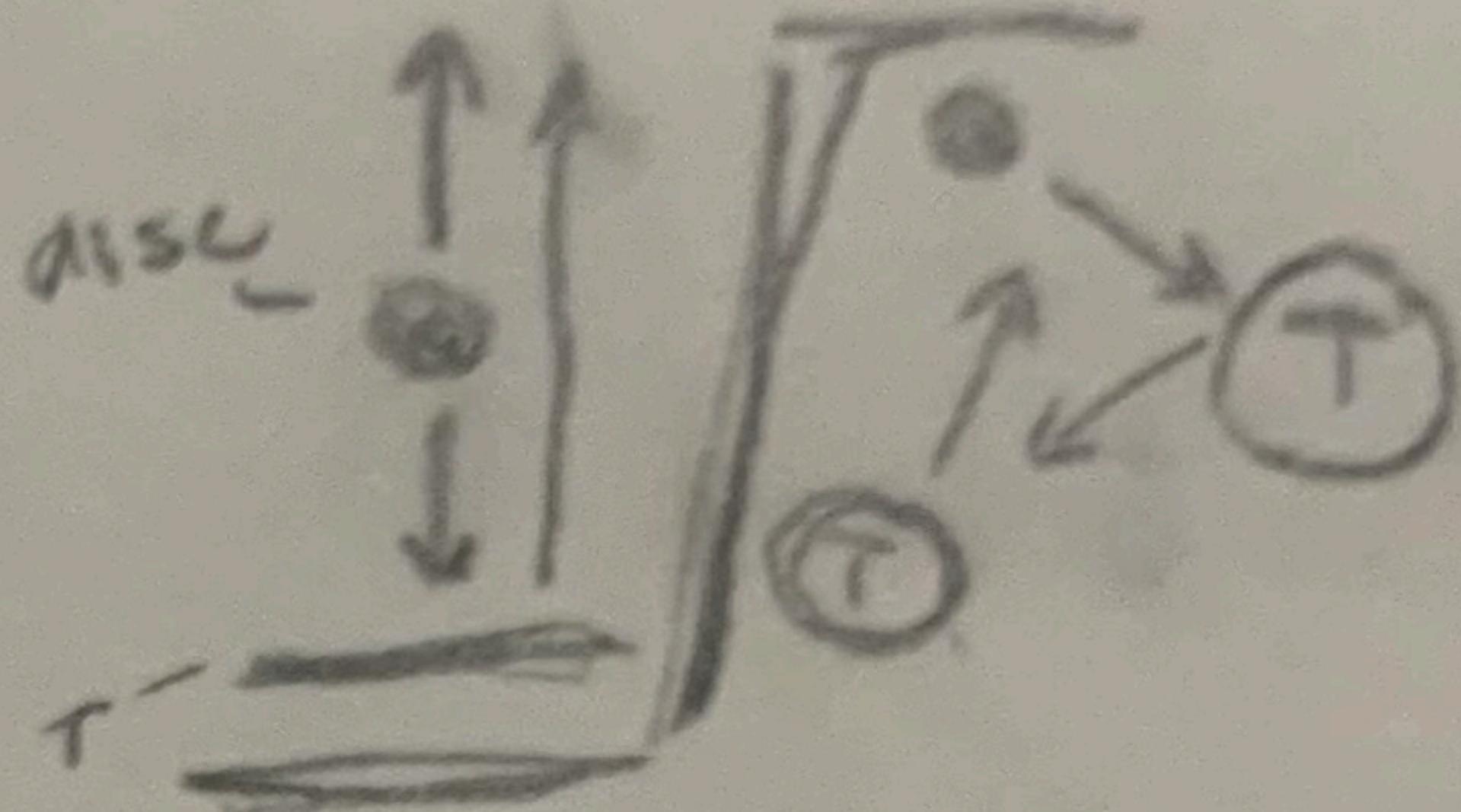
Themes?:

- Vampires/Gothic
- Aliens/space
- Pirates

Mod Ideas

Trampolines

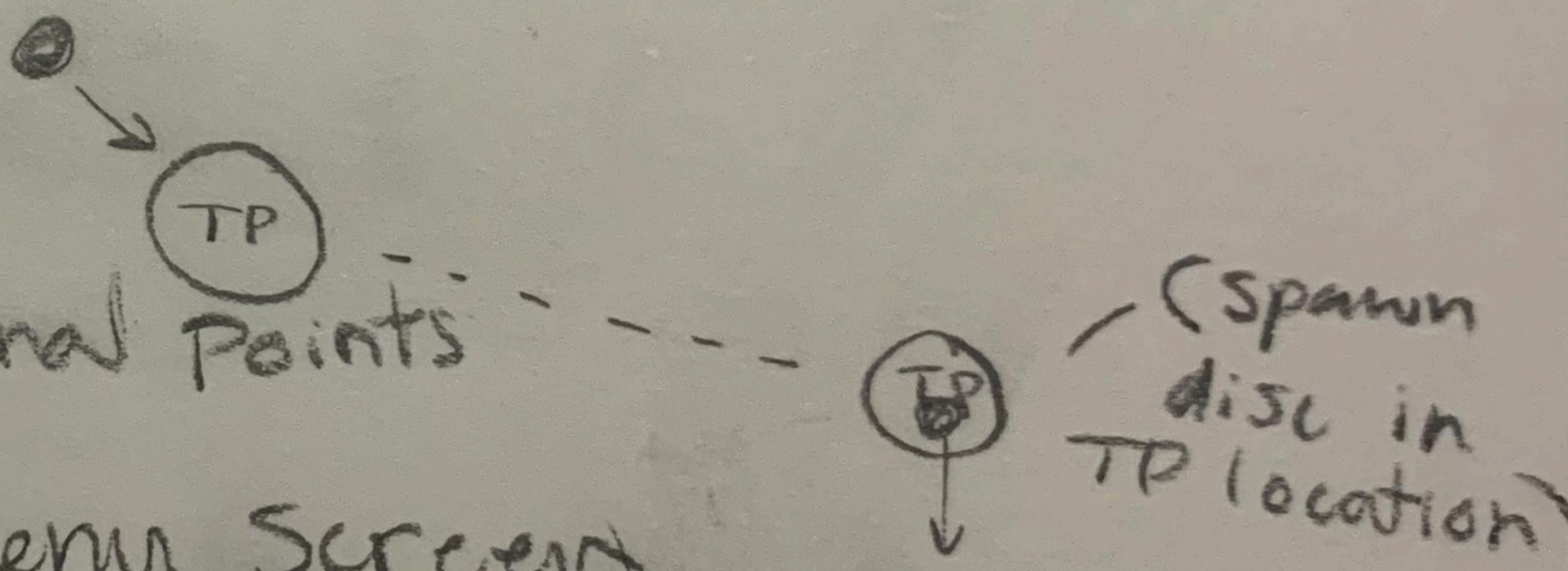
- ↳ - Set bounciness ↑
- Repel disc



Teleportation

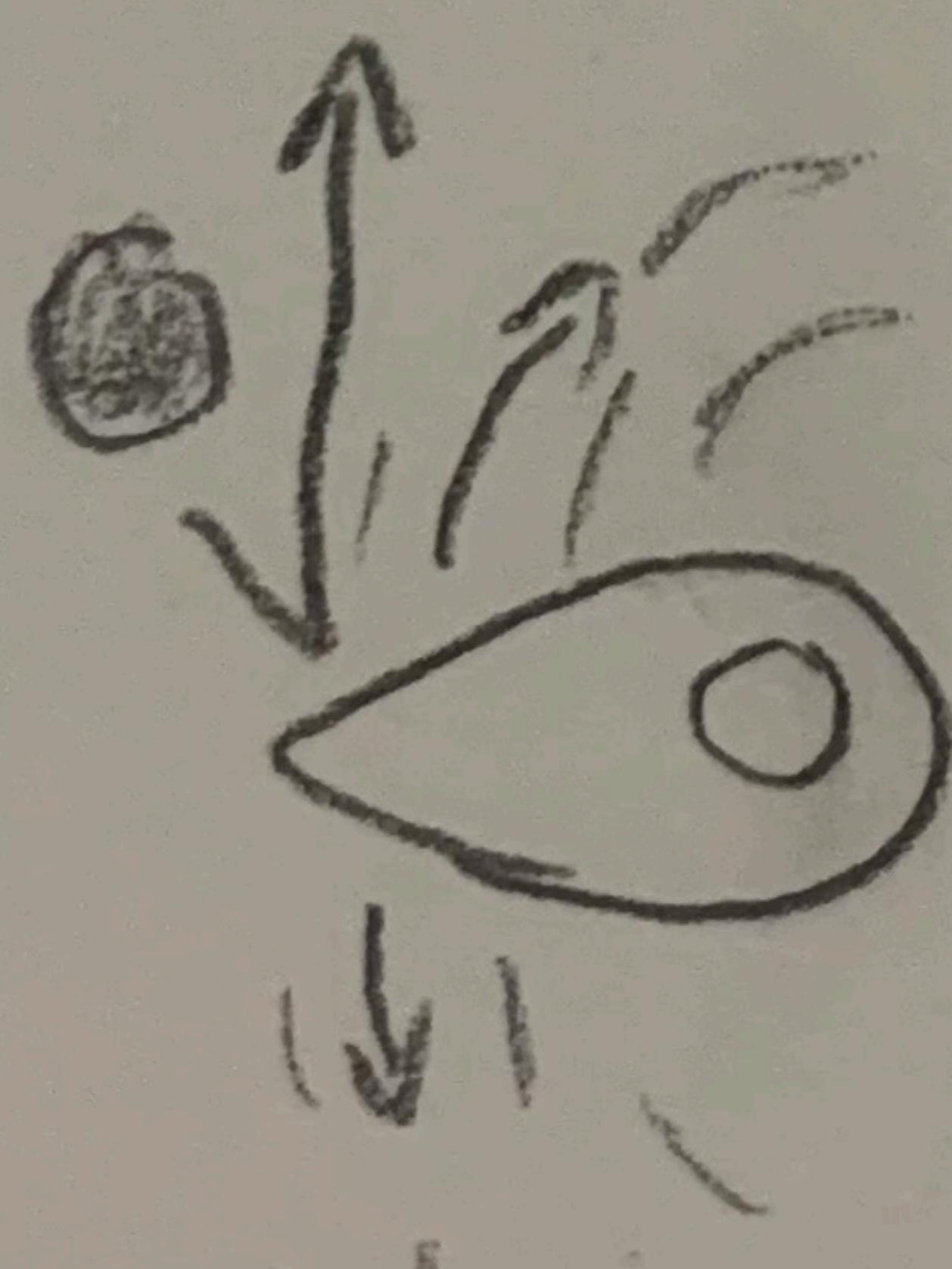
- ↳ Pick 2 spots on board, ~~both~~ disc goes in 1 & out the other

↳ Maybe getting through adds additional points



Top score chart? / Menu Screen

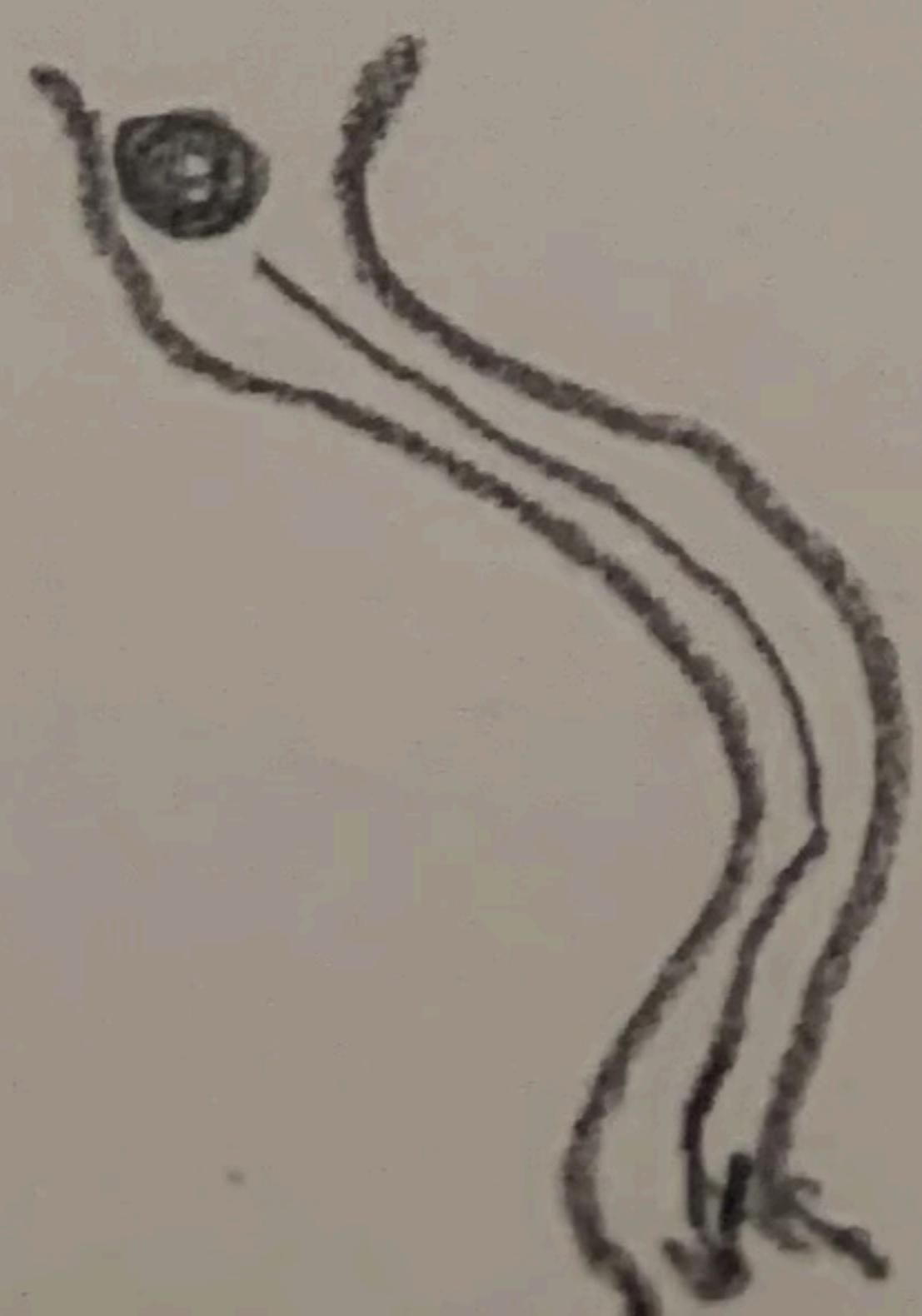
Pinball flips/

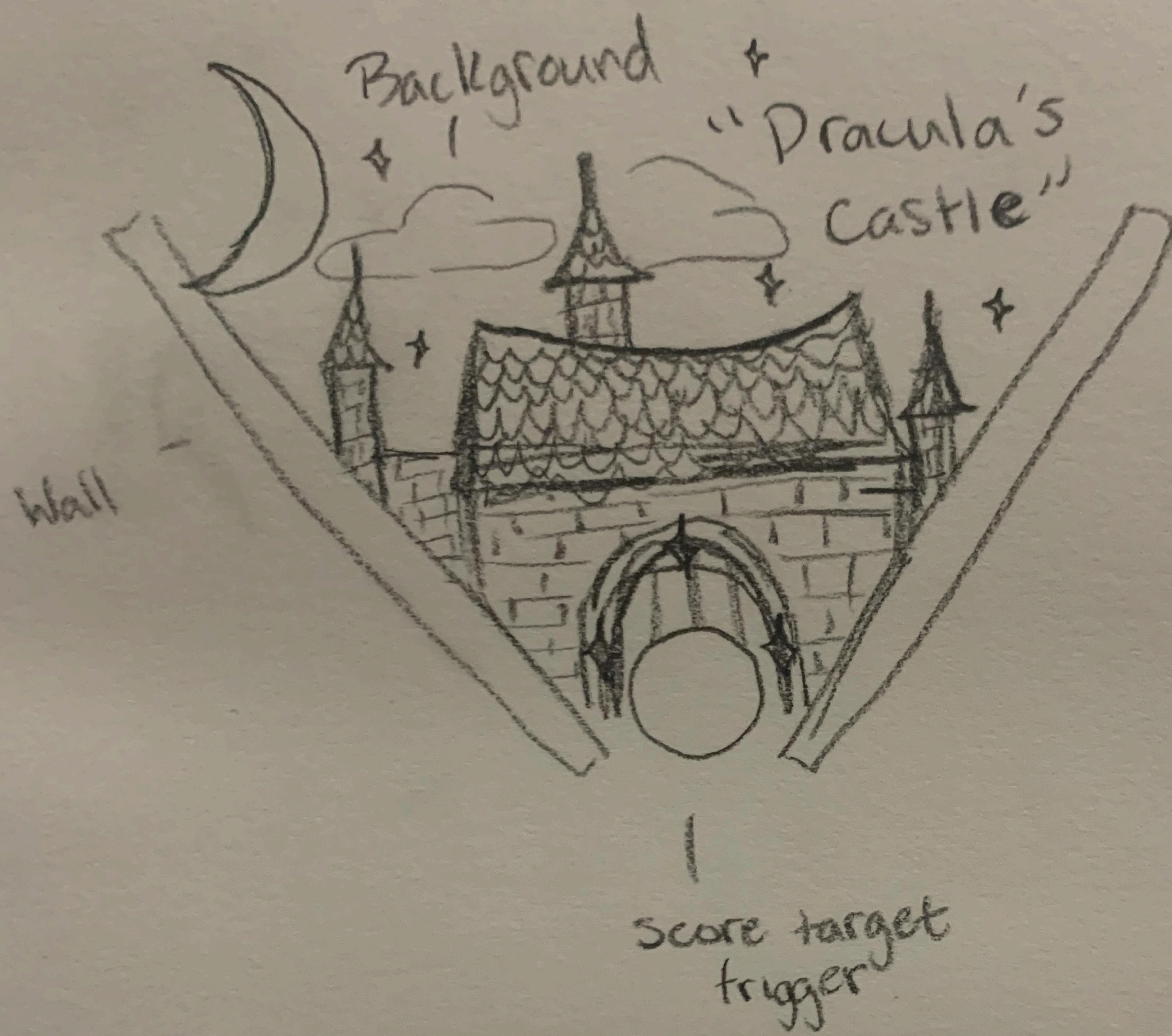


Launchers

- ↳ Pushes disc back up when it is hit

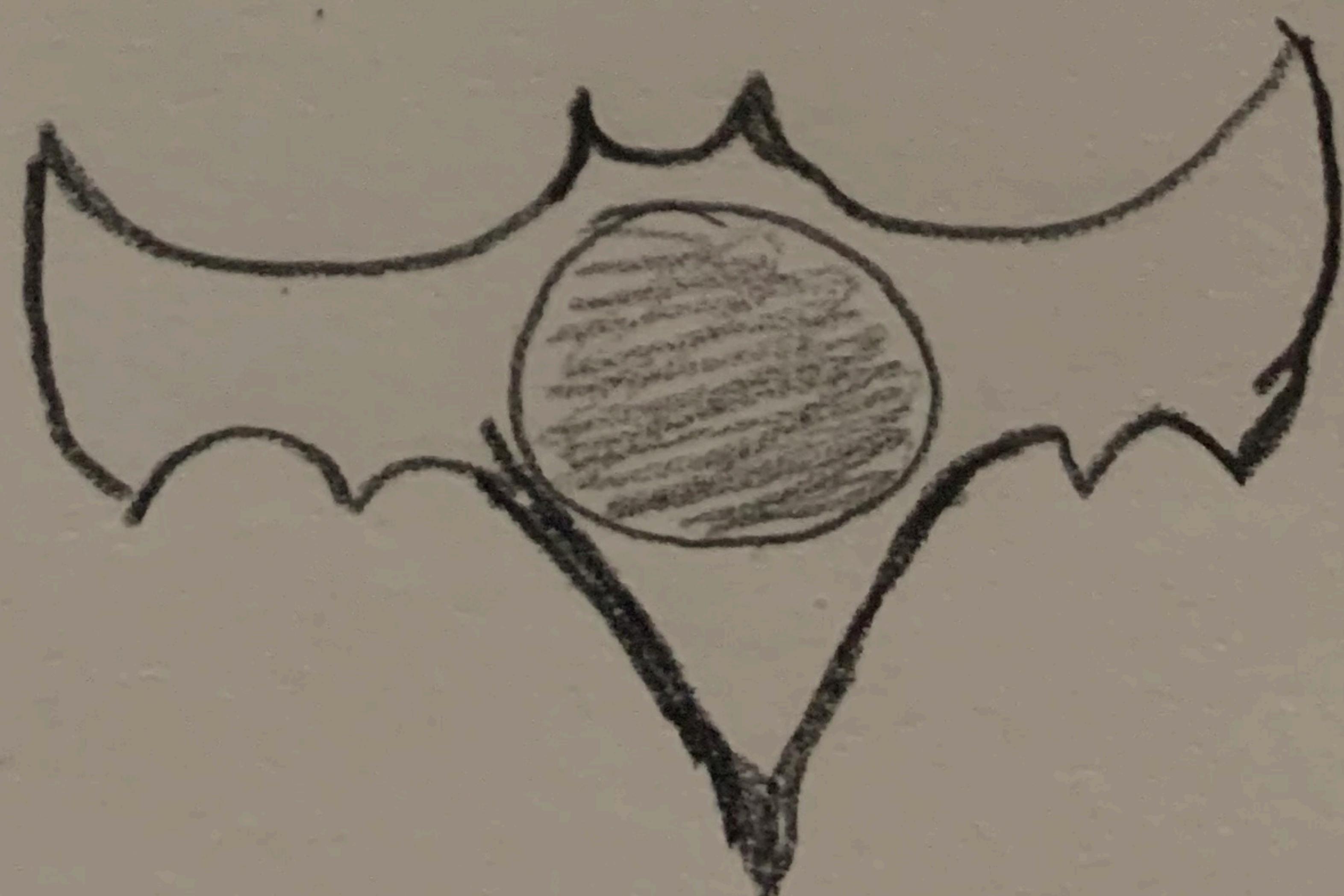
Slides





Mod 1 - Teleporters

"Transform into a bat"



Score:

Black BG?

1M + Points?

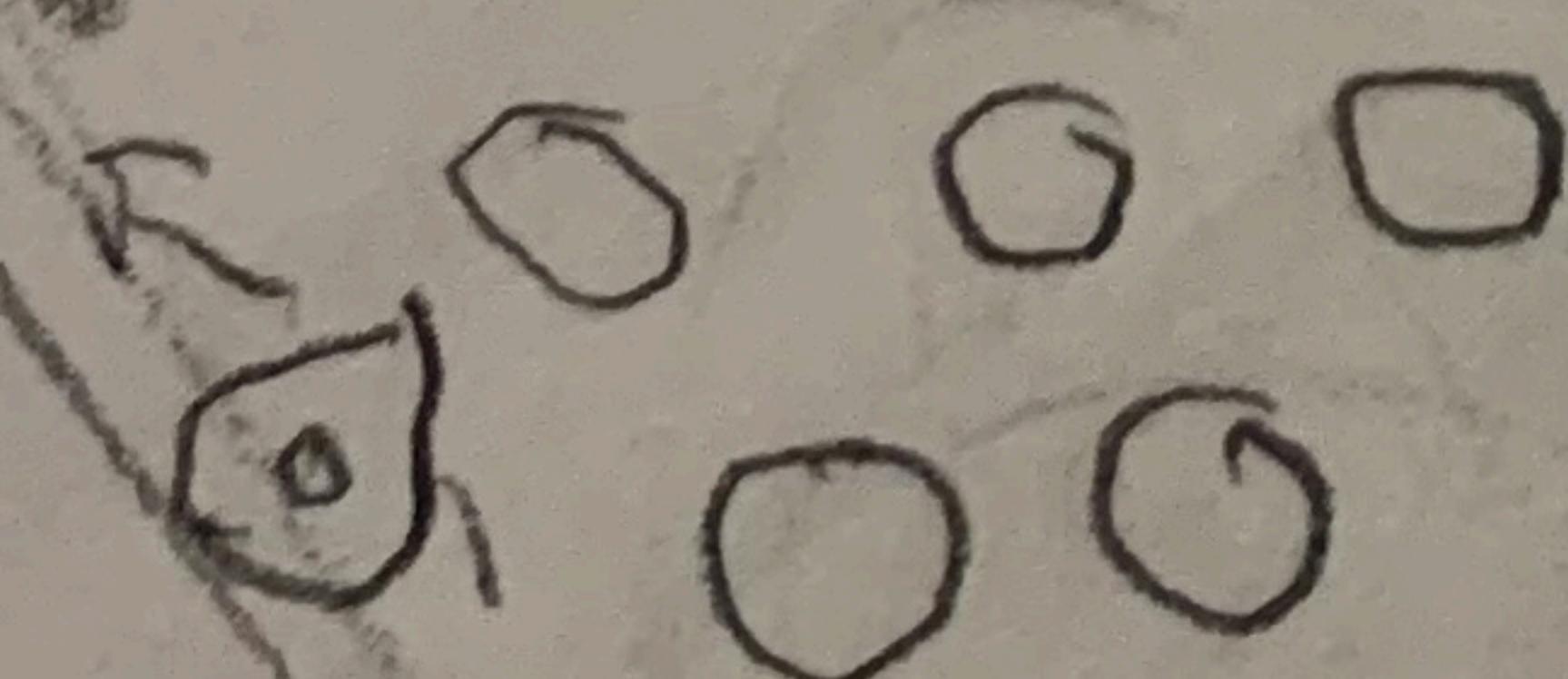
-slide
(speeds Disc)

Moon
Traps
alive?

Moon
Slide

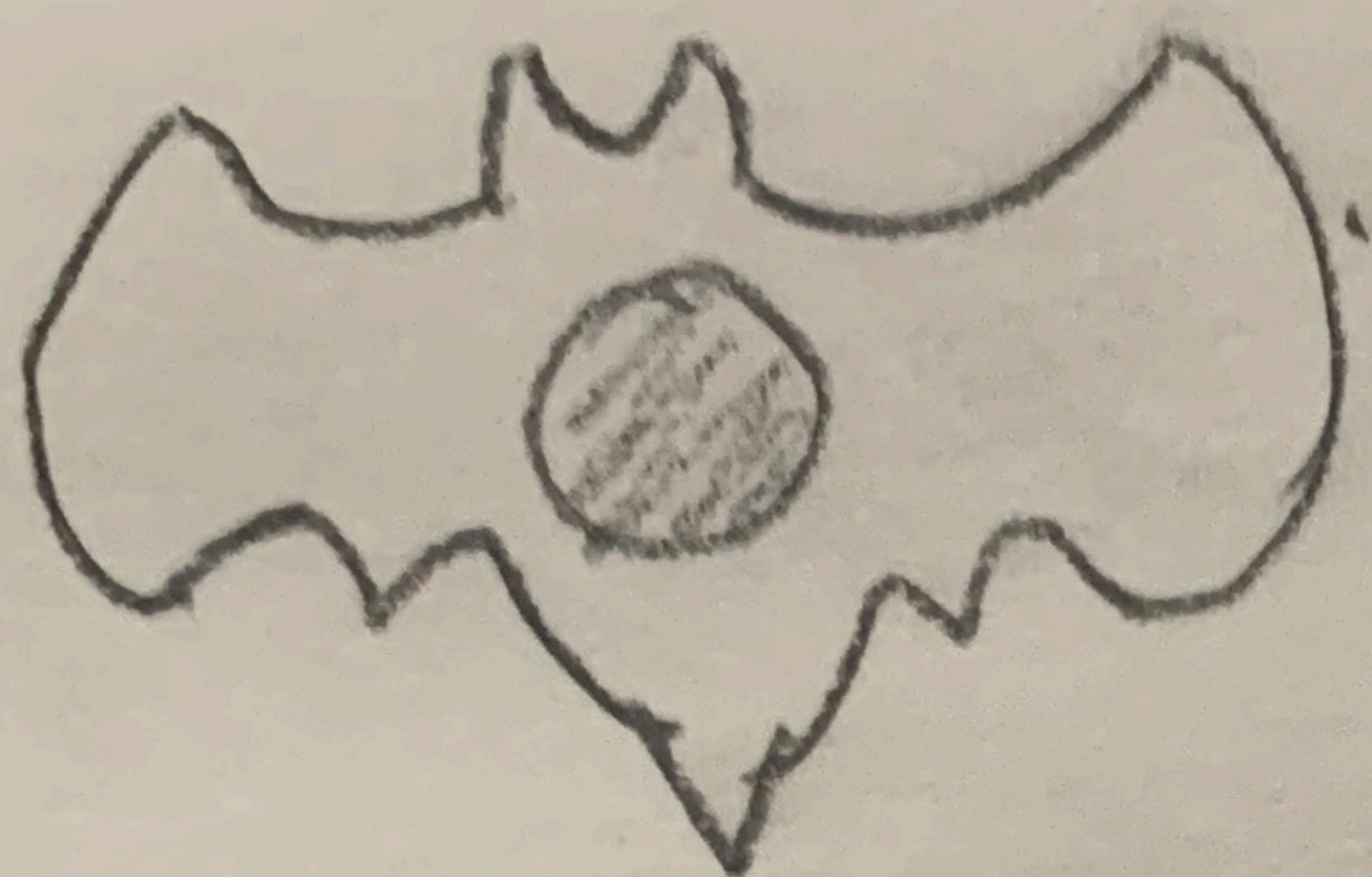
• Pegs

Dracula's castle

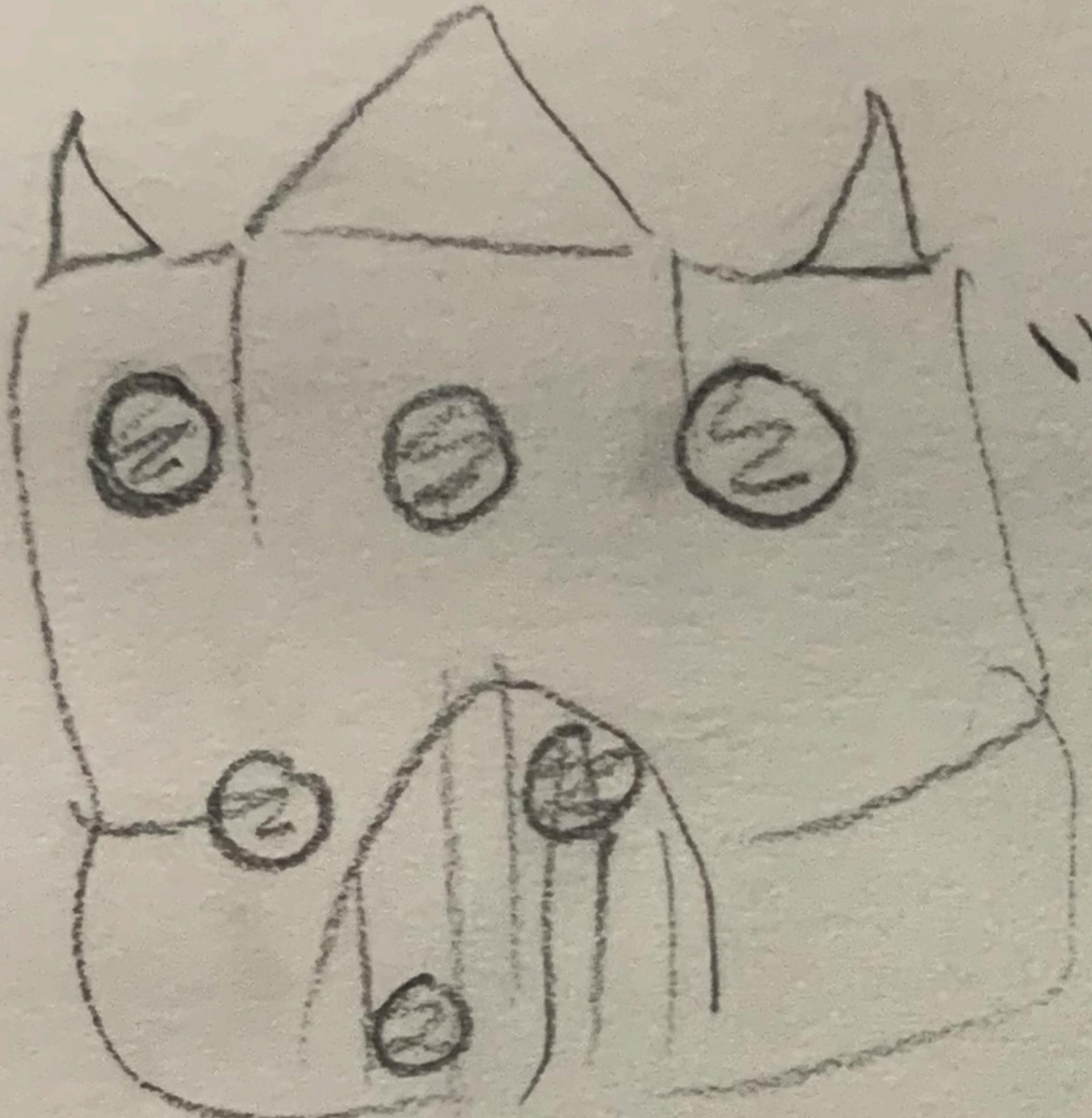


Score triggers

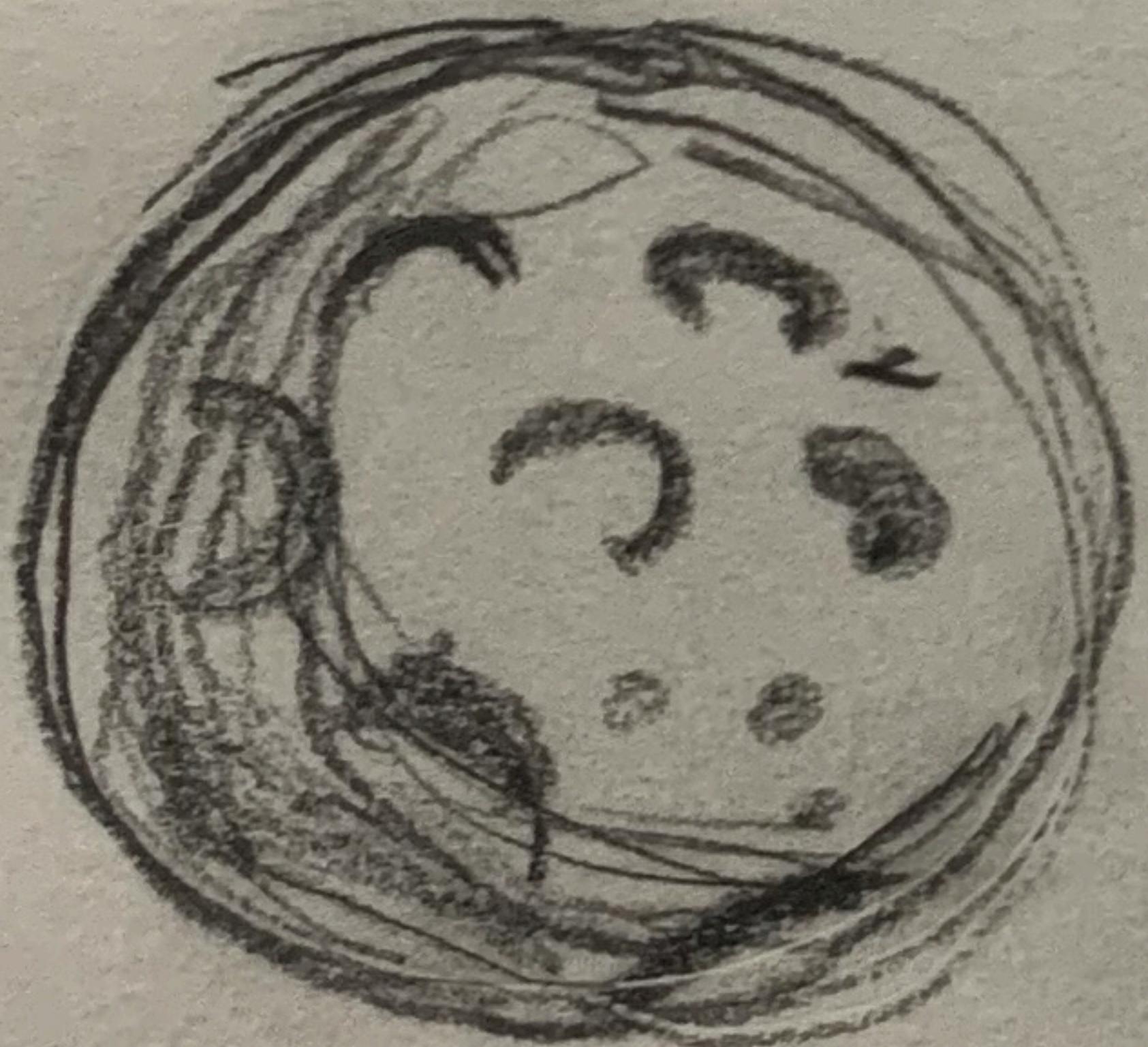
Legend for Vampire theme



"Bat Teleporter"



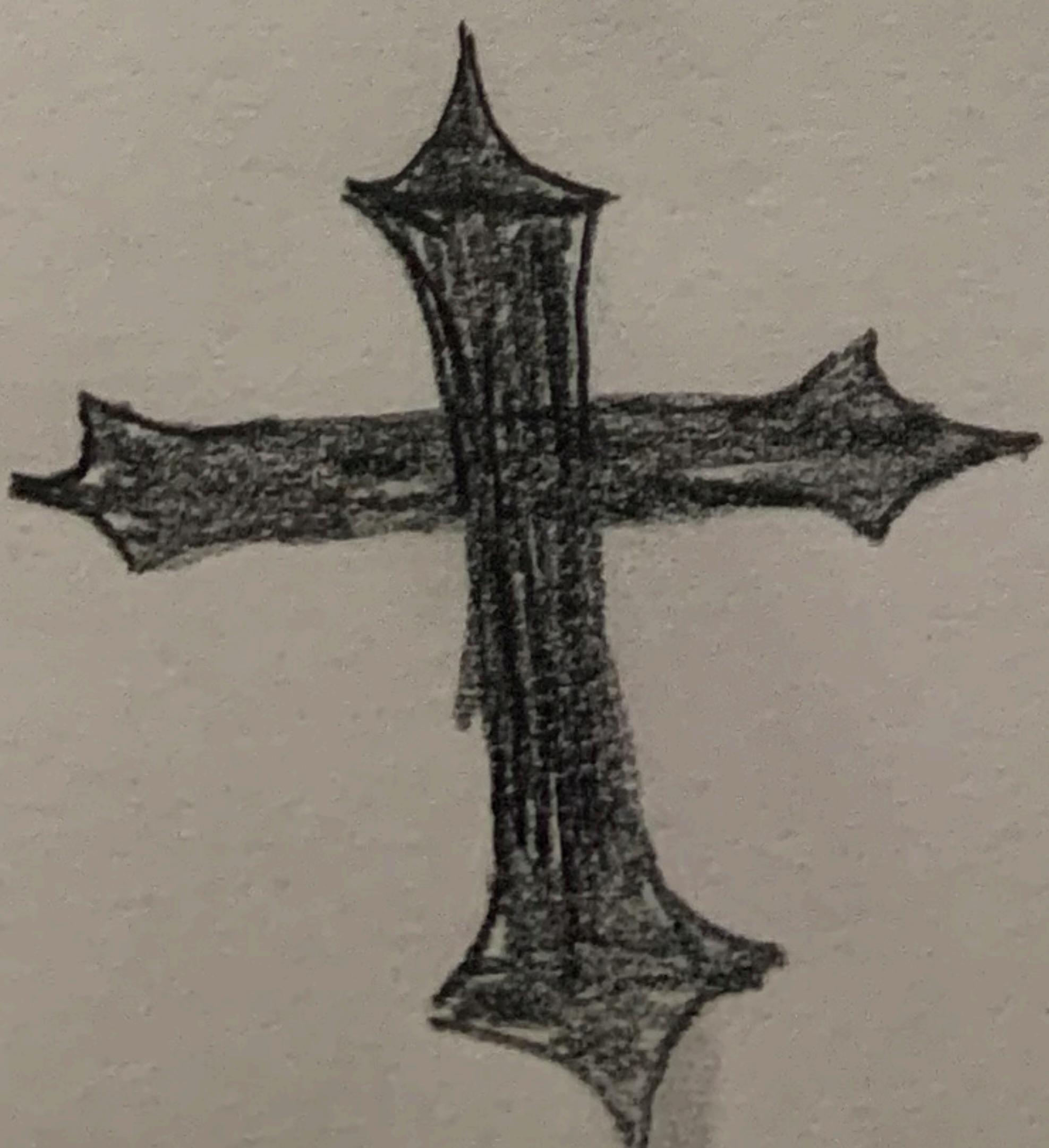
"Dracula's Castle"
↳ Score Triggers



"Moon"
↳ Trampoline

* New idea:
Bouncing off
a trampoline
adds another
Disc

Or



"The power of Christ
compels you!"

↳ Trampoline

(Physics of collision
barrier may be an issue)

