

Game Outline:

I. Part One: Planets in our solar system

A. Introduction (Earth's Moon)

1. Tutorial

a) Dialogue from Guide

- (1) Hi! Welcome to **Telescope Explorer**. I see you just received your first hobby telescope! Congratulations!
- (2) There's lots to explore in space. Let's put that telescope to good use and take a good look at the moon! Can you see that distant twinkle? Use your arrow keys to focus your telescope on that distant object to fill up the progress bar.
 - (a) (Scene transitions to minigame)
- (3) Great job! From here, complete the minigame to unlock the object you were just focusing on.
 - (a) (Instructions for each mini game should be written and appear each time the game commences.)

(4)

2. Space Object to be discovered: Earth's Moon
3. Mini games introduction (May need to add instructions on each mini game)
4. Play minigame
5. Reveal of Journal; guide explains how the journal works and its function.

B. Mars

1. Quick and brief intro to mars before letting the user find it.

a) Dialogue

(1) Will complete once outline is finished

2. Minigame
3. Journal Reveal (I'm thinking in each journal entry could be the planet's specification, first discovery date, who discovered it, where it was discovered, etc.)

C. Saturn

1. Quick and brief intro to mars before letting the user find it.

a) Dialogue

(1) Will complete once outline is finished

2. Minigame
3. Journal Reveal

II. Galaxy

A. The Sombrero Galaxy

1. Dialogue

a) Will complete once outline is finished

b) General Information about Galaxies, how they are formed etc.

2. Minigame
3. Journal Reveal

III. Nebula

A. Crab Nebula

1. Dialogue

a) Will complete once outline is finished

b) General information about nebulas, how they are formed, etc.

2. Minigame
3. Journal Reveal
4. Dialogue

a) Will complete once outline is finished

IV. Asteroid

A. Psyche

1. Dialogue

a) Will complete once outline is finished

b) General information about asteroids, how they are formed, etc.

c) How Psyche is different and why it's important.

Other Discoverable objects (in case we decide we need more)

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General Websites Referenced (in case they're needed later)

- <https://stargazersclubwa.com.au/what-can-you-see-with-a-telescope/>
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Object Specific Resources

Mars

- https://mars.nasa.gov/#red_planet/0

Saturn:

- <https://solarsystem.nasa.gov/planets/saturn/overview/>

Sombrero Galaxy

- <https://hubblesite.org/contents/media/images/2003/28/1415-Image.html>

Crab Nebula

- <https://www.nasa.gov/feature/goddard/2017/messier-1-the-crab-nebula>

Psyche

- Hopefully we know where to go for this ;)