



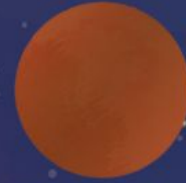
Planet 1



Planet 2



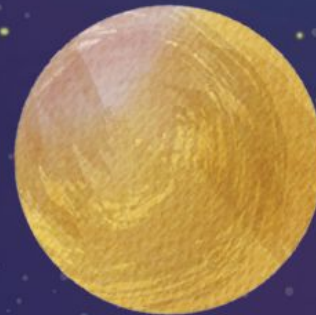
Planet 3



Planet 5



Planet 4



Planet 6



NASA
SPACE APPS
CHALLENGE



Planet 7



Planet 8

Space Travelers

Challenge "Space Quest: The Game"

SPACE QUEST: THE GAME



The Challenge

Your challenge is to **create a game**

that **teaches** players about space

from the perspective of the architectures and challenges of exploration.

The setting can be anything, from the past, to the future, with destinations either in our solar system, or beyond.



The story behind the idea

- In 16 June 1963 Valentina Vladimirovna Tereshkova was **the first and youngest woman** to have flown in space with a solo mission on the Vostok 6
- Until today a total of **574 people** from 41 countries have gone into space, **65 of them were women** (~11,3%)
- According UN: girls have a **limited exposure** to the **creativity** and **contributions** that STEM fields make for a better world
- A creative game that mainly aims to teach girls, as well as boys of the age of 10 - 14, about our solar system and how they could contribute to space exploration, will allow to **bridge the gender gap**
- ***Today's girls are tomorrow's astronauts, scientists and engineers***



Mission: **ASPA** **Exploration**

Aspa is a young girl aged 10, lives in a world that needs more female role models, more scientists, engineers, explorers, more passion.

She has decided to become that female role model.

Thus, she begun a journey to our solar system, to learn more, to explore, to show to other girls what they can do and how to do it.

The Game

ASPA (F), an adventurous girl who wants to learn about the space
and Main Character: explore our solar system and beyond.

Levels → Different Solar systems
Stages → Within our Solar system

The Goal within the Solar System, in order to proceed to the next solar systems, is to reach the planet Poseidon. In that planet, the player will find GEMs that will help her buy better equipment and continue the game.

To go to Poseidon, the player must successfully complete the individual Quests located on the individual planets of our solar system, learning about those planets.

* The planets are not with their names, so you have to discover them. Choosing which planet you want to visit can be presented to you by some partners as well as some easter eggs.



Resources used

Platform to develop the game:

<https://scratch.mit.edu/>

Data were retrieved from:

- <https://theplanets.org/the-sun/>
- <https://www.universetoday.com/33415/interesting-facts-about-the-planets/>
- <https://solasystem.nasa.gov/moons/earths-moon/overview/>
- <https://solasystem.nasa.gov/planet-compare/>


Photos used were retrieved from:

- <https://www.allwhitebackground.com/pluto-background.html/download/28390>
- <https://apod.nasa.gov/apod/archivepix.html>





THANK YOU



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