

Theme – Outer Space

## Description

Outer space, also known as "space", is the area outside the Earth's atmosphere where planets, stars, and other celestial bodies are situated. Scientists have said that this particular zone is about 100 kilometers (60 miles) above sea level. There are about four different regions of space. They are the Geospace, the Interplanetary space, the Interstellar space, and the Intergalactic space.

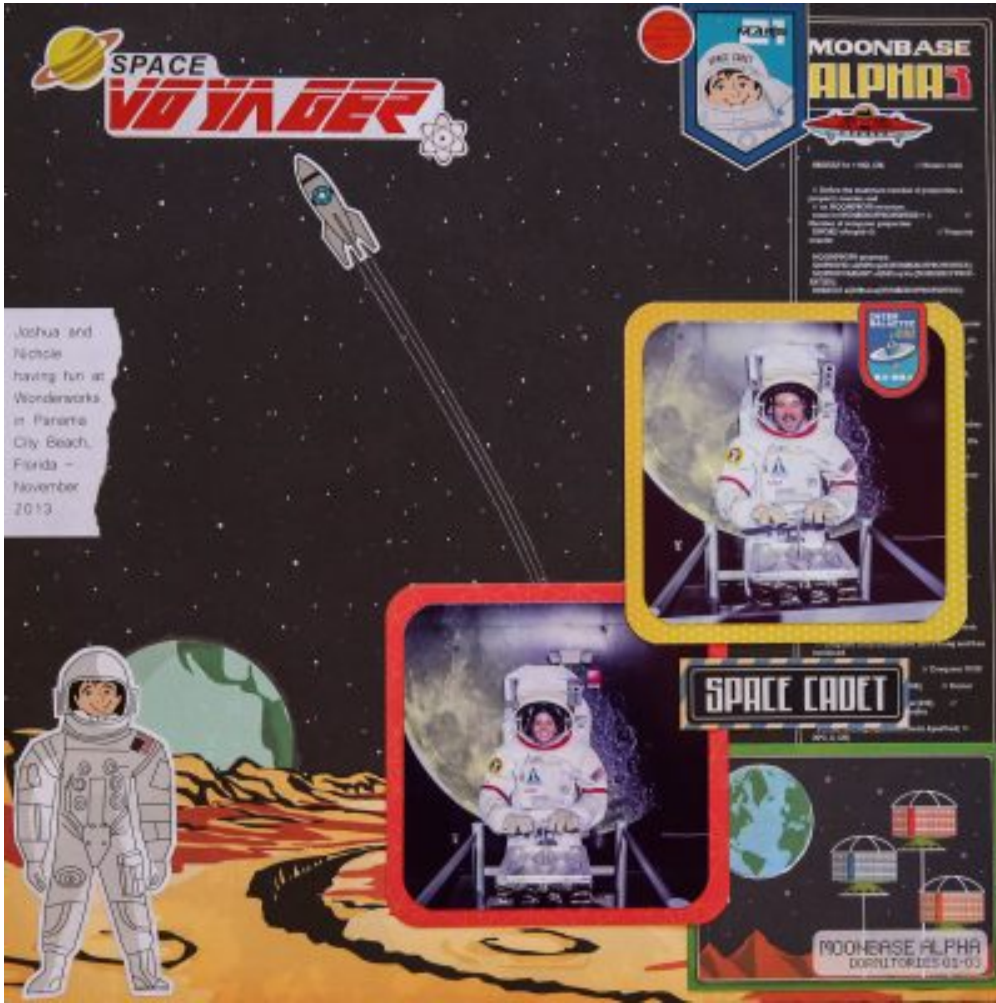
Have you ever dreamed of going to outer space? Do you imagine yourself wearing space suits and go on space exploration? Make that wish come true even just on a scrapbook page! Here, we're going to share some great layouts that showcase anything related to outer space.

## Astronauts & Spacecrafts

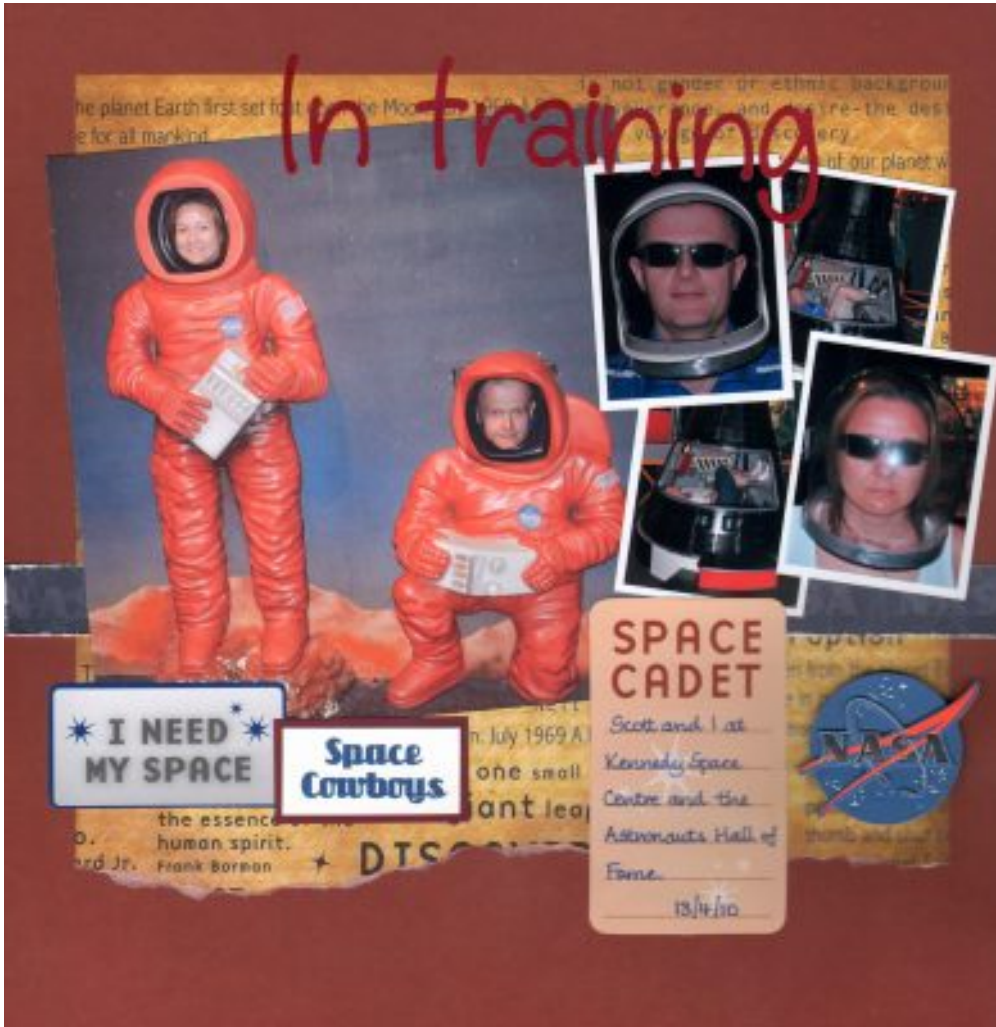
How cool would it be to see yourself on a spacesuit and getting ready for a ride in a spacecraft? For some, being an astronaut may be a scary job but there are others who find it totally awesome. Discovering the unknown things Earthlings don't usually see or have no clue about is just one of the things that make this job so interesting!



Layout by [Betty](#)



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In October 1958, the new National Aeronautics and Space Administration (NASA) announced Project Mercury, its first major undertaking. The objectives were threefold: to place a human spacecraft into orbital flight around Earth, observe human performance in such conditions, and recover the human and the spacecraft safely. At a press conference in Washington, D.C., on April 9, 1959, NASA introduced the Mercury Seven to the public. The press and public soon adopted them as heroes, embodying the new spirit of space exploration.

The "Mercury Seven" were Scott Carpenter, L. Gordon Cooper, Jr., John H. Glenn, Jr., Virgil I. "Gus" Grissom, Walter M. Schirra, Jr., Alan B. Shepard, Jr., and Donald K. "Deke" Slayton. The first American astronaut to enter space was Alan Shepard, Jr. He was the first of the Mercury Project's seven astronauts to fly beyond the atmosphere. Shepard's successful flight was substantial enough for President Kennedy to challenge the members of a joint session of Congress to the goal "...of landing a man on the moon and returning him safely to the Earth." The original seven were the pioneers of this incredible endeavor.

This initial phase of manned spaceflight seems so dwarfed now by the missions to the moon by the Apollo astronauts. However, without the foundation of courage and dedication to go where no one had ventured before, the later exploratory efforts would have likely taken longer.

Layout by [Nvmagpie](#)

**in space**

*"A man must rise above the Earth to the top of the atmosphere and beyond, for only then will he fully understand the world in which he lives"*  
Socrates (circa 399BC)

**Apollo Lunar Spacesuit EVA**  
worn by Charles "Pete" Conrad when he walked on the moon in 1969 Apollo 11. This model/ATL is one of only 2 moon suits outside of the Smithsonian Air & Space Museum.

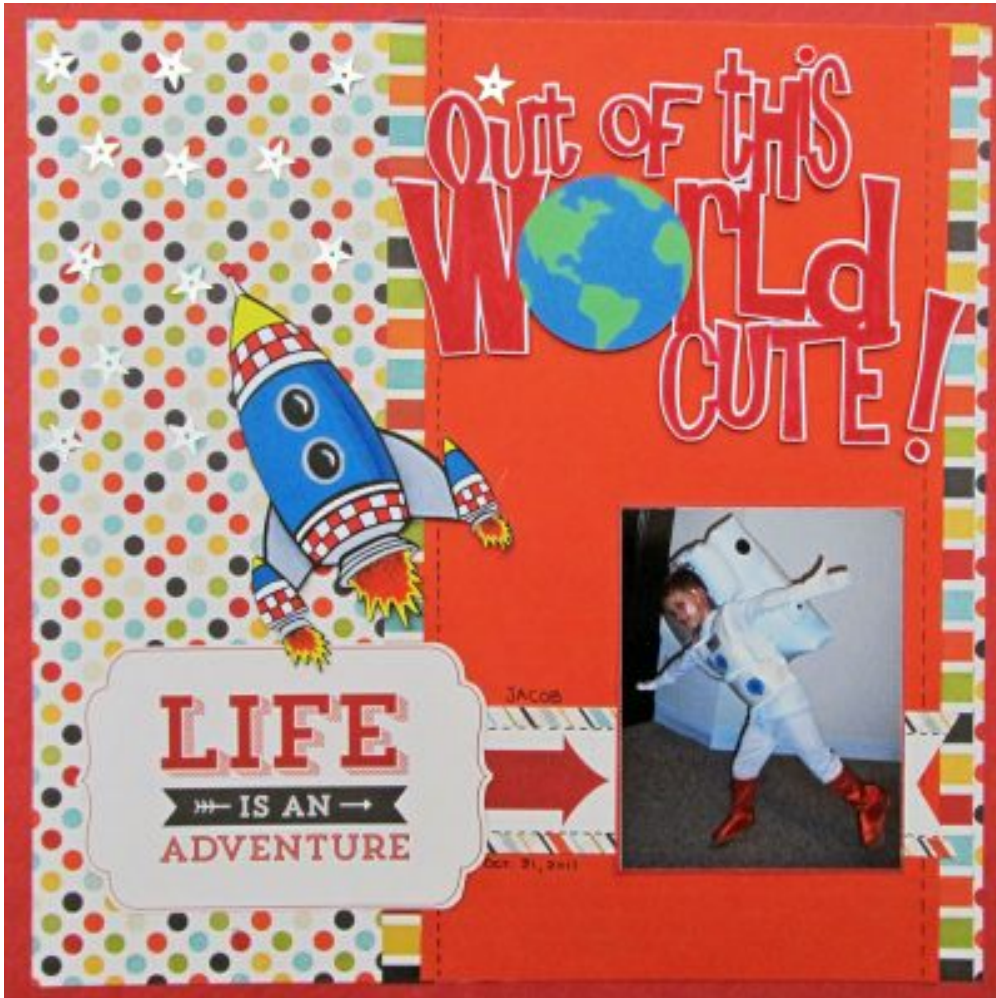
**Judy Aernik** was the second American woman in space (after Sally Ride). This is her 7-38 flight suit. It was the last piece of NASA clothing she wore before the Challenger accident in 1986.

This spacesuit was worn by Deke Slayton, one of the original Mercury astronauts. It is a modified version of an ATLB suit. Slayton wore this on the ASTP - Apollo-Soyuz Test Project - the 1<sup>st</sup> international manned space flight.

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## Planets

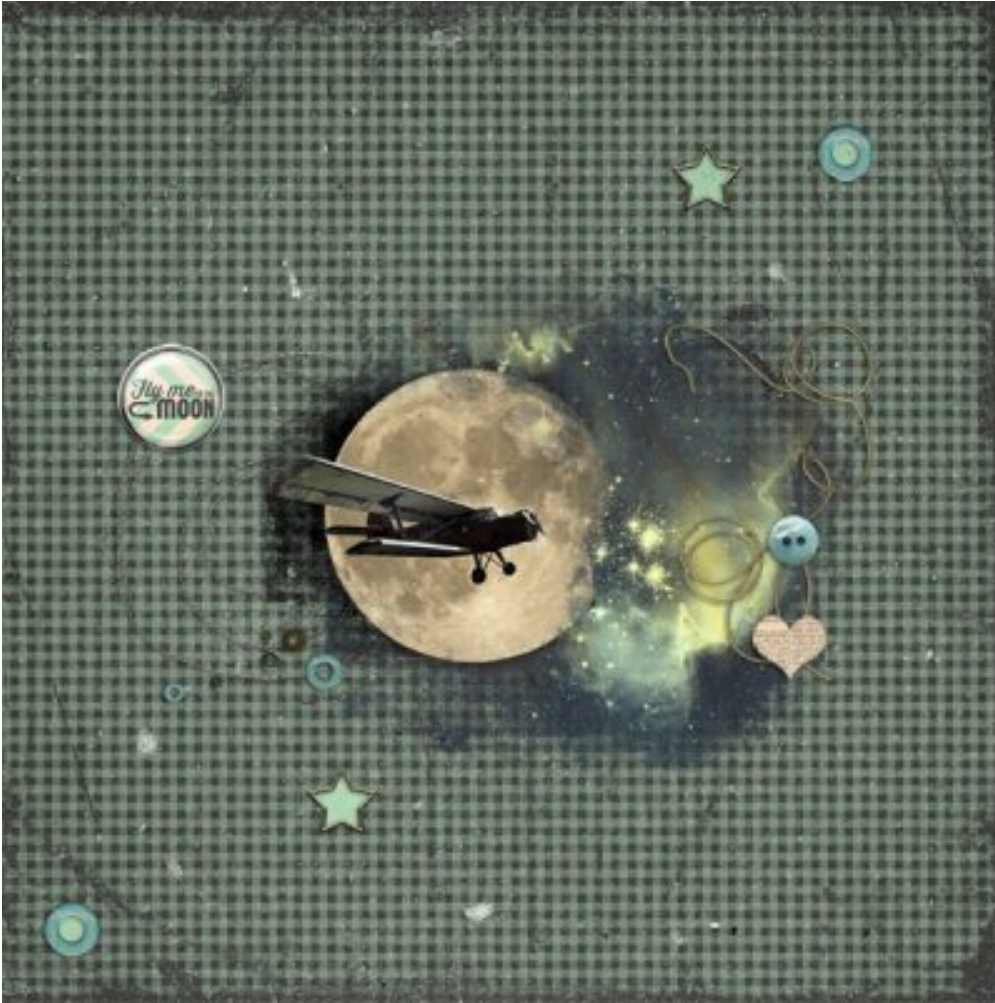
There are eight planets in our solar system. The inner, rocky planets closest to the sun are Mercury, Venus, Earth, and Mars. They are known as the "terrestrial planets". Meanwhile, the other four which are called outer planets are gas giants (Jupiter and Saturn) and ice giants (Uranus and Neptune).



Layout by [Betty](#)

## Moon

We usually get a glimpse of the moon from where we are. But did you ever wonder what it really looks like up close and how it feels like to walk there? While there are some other moons in our solar system, the Earth's moon ranks as the fifth-largest among the 190+ moons orbiting planets.



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## Stars

Stars are celestial bodies that are made mostly of hydrogen and helium that produce light and heat from the churning nuclear forges inside their cores. There are billions of stars in the Milky Way galaxy but the nearest one to our planet is the Sun.



Layout by [Vera](#)

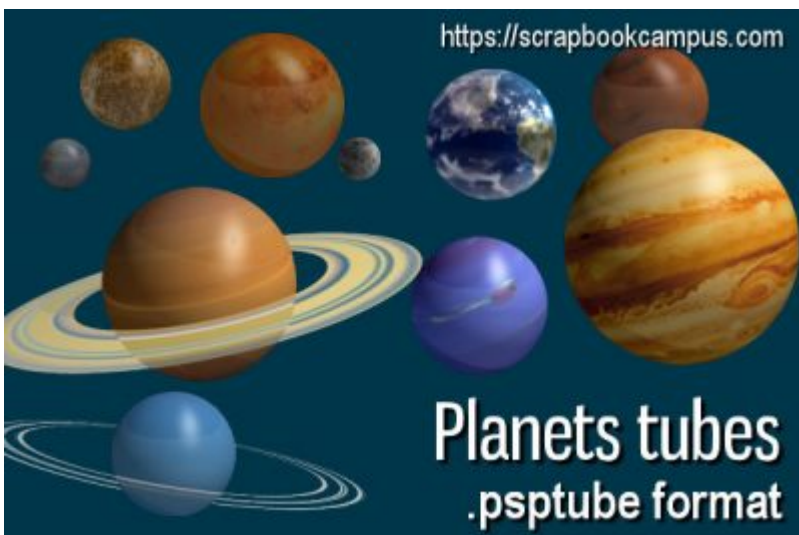


Layout by [Cherry](#)





Layout by [Julie](#)



In order to accompany your outer space project, you can now add the various planets of our solar system. Of course, you might want to draw them yourself, but what if they were right at your fingertips? This is why you can use these picture tubes of the various planets. Each click will add a new planet. If

you don't like that one, just undo and click again. There are only a fixed number of planets in OUR solar system but you can always imagine that there are more in another world!

[Click HERE](#) to get your set of **Planets** picture tubes.

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