

CORE ENCOUNTER

NASA PSYCHE

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A multi-payload mission and a general-use, nuclear-powered, deep-space probe, Psyche will explore the asteroid Psyche, a unique metal-rich body that may be the core of a protoplanet.

The main mission of the Psyche mission is to study the asteroid Psyche, which is believed to be the core of a protoplanet.

With its advanced instruments, Psyche will study the asteroid's composition, structure, and history.

On the surface, Psyche will study the asteroid's composition, structure, and history.

The efficiency of the Psyche mission is enhanced by the use of solar power, which allows for a long mission duration.

PSYCHE SATELLITE

If you like building things, you could be a **Engineer**. You could build other satellites to help the mission.

If you like to study the science of the mission, you could be a **Scientist**. You could study the asteroid's composition, structure, and history.

If you like to work on the mission, you could be a **Technician**. You could work on the ground to help the mission.

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Psyche will study the asteroid's composition, structure, and history.

The gravity field of Mars will be studied by Psyche.

Psyche will study the asteroid's composition, structure, and history.

Mars is covered by 3.5 km of atmosphere, which is a very thin layer of gas.

The top of the atmosphere is called the **exosphere**, which is the outermost layer of the atmosphere.

MARS

If you like looking at the stars, you could be a **Astronomer**. Learn about the universe of space, you could even discover other planets!

If you like to study the science of the mission, you could be a **Scientist**. You could study the asteroid's composition, structure, and history.

If you like to work on the mission, you could be a **Technician**. You could work on the ground to help the mission.

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The Psyche Asteroid is made up of metal and silicate rocks, which is unusual for an asteroid.

The large crater on Psyche is believed to be the result of a collision with another asteroid.

Due to its composition, Psyche is thought to be the core of a protoplanet.

Psyche is about 220 km in diameter, which is approximately 10% the size of Earth.

Psyche is located in an asteroid belt between the orbits of Jupiter and Mars.

16 PSYCHE

If you like to build things, you could be a **Engineer**. You could build other satellites to help the mission.

If you like to study the science of the mission, you could be a **Scientist**. You could study the asteroid's composition, structure, and history.

If you like to work on the mission, you could be a **Technician**. You could work on the ground to help the mission.

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The rocket used by the mission is the **Falcon Heavy**, the most powerful rocket ever launched.

The second stage of the rocket is the **Super Heavy**, which is the largest stage ever built.

The rocket is made up of three stages, which are stacked on top of each other.

The rocket is launched from the **Cape Canaveral Space Force Station**.

After the mission, the rocket will be **reused**, which is a key feature of SpaceX's mission.

Psyche will be launched on the **Falcon Heavy** rocket, which is the most powerful rocket ever launched.

SPACEX ROCKET

If you like to build things and experiment, you could be a **Technician**. You could work on the ground to help the mission.

If you like to study the science of the mission, you could be a **Scientist**. You could study the asteroid's composition, structure, and history.

If you like to work on the mission, you could be a **Technician**. You could work on the ground to help the mission.

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PIT ESTIMATE

TAKE A STICKER & MAKE YOUR GUESS

LOTTERY OR

How Many avacados does it take to get from Earth to the Psyche Asteroid? When it comes to food, avacados are the closest thing to the characteristics of Psyche. They have a very similar texture, colors, and even though the Psyche asteroid might be a core, Avacados have their cores within, which is what Psyche would've been if it wasn't stripped of its outer layers.