

The Earth and its Neighbors

The Explorer's Sheet

THINK and answer: -

Why is it not possible for humans to live on Venus?

What are some similarities and differences between Earth and Mars?

Who was the first human to walk on the Moon?

What was the purpose of the Voyager spacecrafts sent into space?

Name the first human-made object to orbit another planet.

What is the name of the rover that explored Mars and sent back pictures?

If Earth's rotation speed suddenly doubled, what do you think would happen?

How does the tilt of Earth's axis affect the length of daylight throughout the year?

If a planet rotates in the opposite direction compared to Earth, how might this affect the planet's climate and weather patterns?

If a planet orbits the Sun in an elliptical path rather than a circular one, how might this affect the length of its seasons?