

**AMAZING
SPACE**

METHULI SAWETHMA

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Methuli Sawethma

Author

1st Publication

Other Books By Author

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Mahamaya Girls' College, Kandy

Grade 8-F

2026.05.10

ISBN – 978-624-211-391-3

DEDICATION

**To my parents
For their always loving and supporting for my everything**



Foreword

In an increasingly complex global future, the "Hemamala Upahara" book project, led by Mahamaya Girls' College, stands as a turning point in girls' education. Over a decade, it has successfully nurtured thousands of children to become young authors.

This year, by collaborating with other schools, we aimed to provide students with a wealth of new experiences. The goal was to develop multi-faceted skills, including communication, values, and creative growth. As a result, children have written books that pay tribute to Princess Hemamala, who brought the Sacred Tooth Relic—the supreme symbol of the Buddhist world—to the Hill Country (Kandy).

I extend my gratitude to everyone involved, including the students who contributed their creativity and the teachers who guided them.

Shashikala Senadhira

Principal

Mahamaya Girls' College

Congratulatory Message

It is a great honor for me, as the Governor of the Central Province, to send a congratulatory message for the launch of the books created through the Hemamala Tribute Book Creation Project initiated by Mahamaya Girls' College, Kandy.

Education is the fundamental foundation for the progress of society, and it is further strengthened through books and literary creations. It is clearly commendable that students' talents, creativity, and intellectual abilities are emerging through projects such as this.

I believe that this book creation project will provide valuable knowledge and a precious literary contribution not only to the students but to the entire society. Furthermore, I hope that through such efforts, future writers who will bring pride to Sri Lanka will emerge.

I extend my heartfelt appreciation and blessings to the Principal, the academic staff, the students, and everyone involved who dedicated themselves to this successful endeavor. I wish this project and the book launch ceremony great success.

Sarath B.S. Abeykoon

Governor, Central Province

Emeritus Professor, University of Peradeniya

10-05-2026

Congratulatory Message

I highly appreciate the noble and outstanding effort of the Principal and the academic staff of Mahamaya Girls' College, Kandy, the student daughters, the students of other participating schools, and everyone who dedicated themselves to plan and implement this book publication project. The project was organized under the leadership of Mahamaya Girls' College, Kandy, with the participation of other schools in the Kandy Zone, with the aim of encouraging children toward book creation within the current school system, as a tribute to Hemamala Kumariya who brought the Sacred Tooth Relic to Sri Lanka.

For several decades, Sri Lanka has been committed to providing free, compulsory, quality, and equitable education to all children, thereby producing a future generation of intelligent and skilled citizens. In such a context, this book creation program for school children helps develop creative ability, critical thinking, and other positive qualities for a balanced and well-rounded personality, and contributes to building a future knowledge-based society.

May all activities of the Hemamala Tribute Book Creation Project be successful through the blessings of the Sacred Tooth Relic.

Pradeep Nilanga Dela

Diyawadana Nilame,

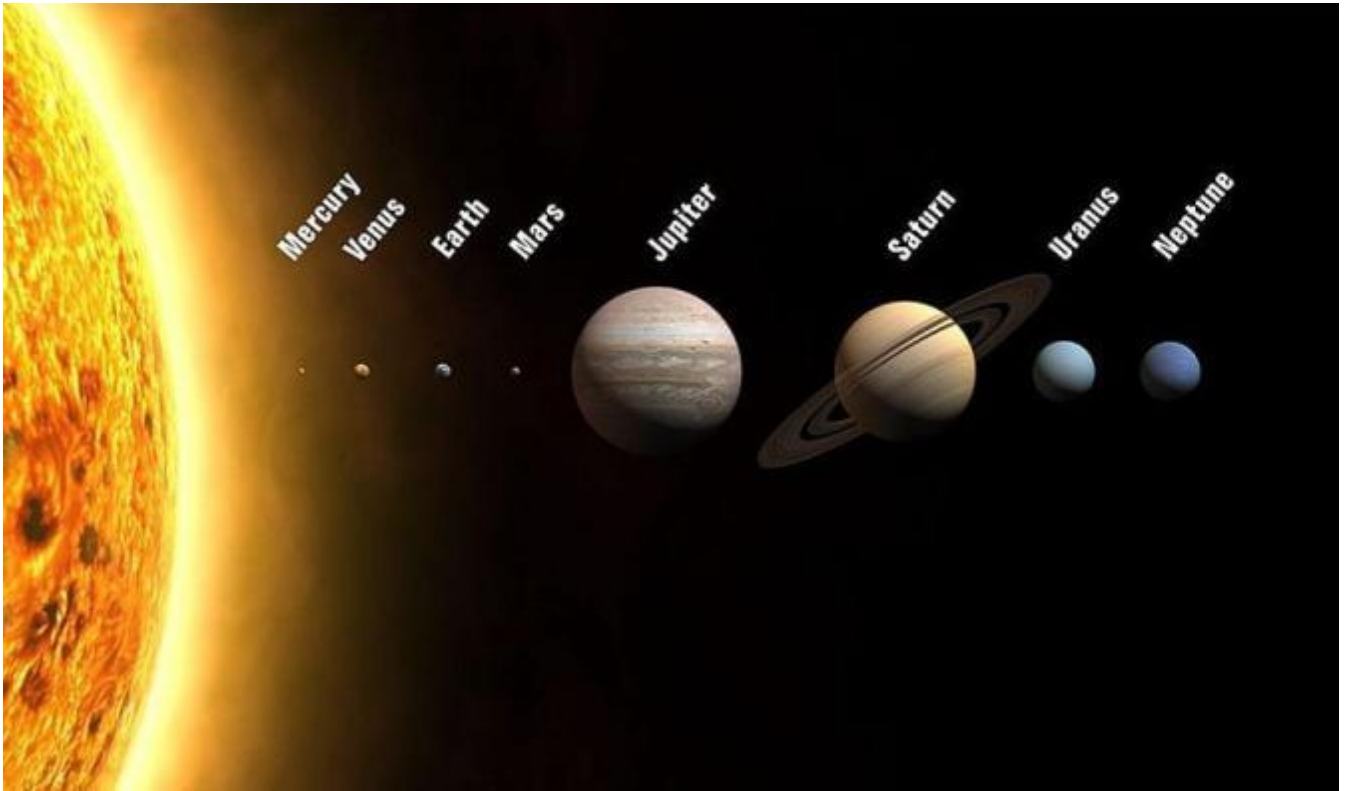
Sri Dalada Maligawa.

2026.05.10

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1.0 OUR SOLAR SYSTEM.



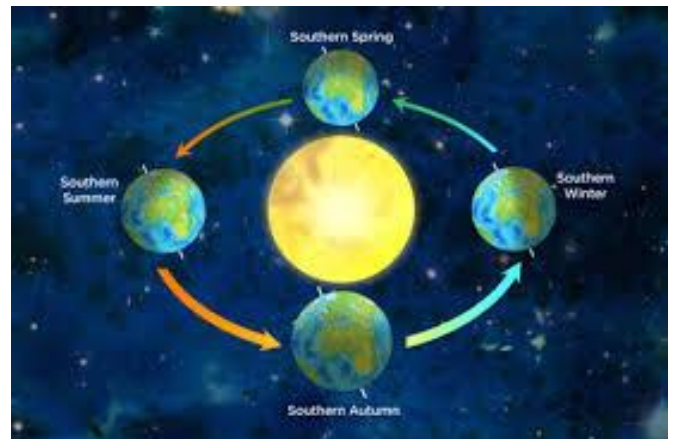
There are two groups of planets. There are inner planets and outer planets.

Inner planets – Mercury, Venus, Earth, Mars

Outer planets – Jupiter, Saturn, Neptune,
Uranus

2.0 SUN

The Sun is the star. It is the closest star to the Earth. The Sun is extremely hot. The Sun is at the center of the solar system. Earth travels around the Sun in a big circle called an “ORBIT.” It takes 365 days for Earth to travel all the way around the Sun. Its warmth and light keep the planet you live on.



3.0 EARTH

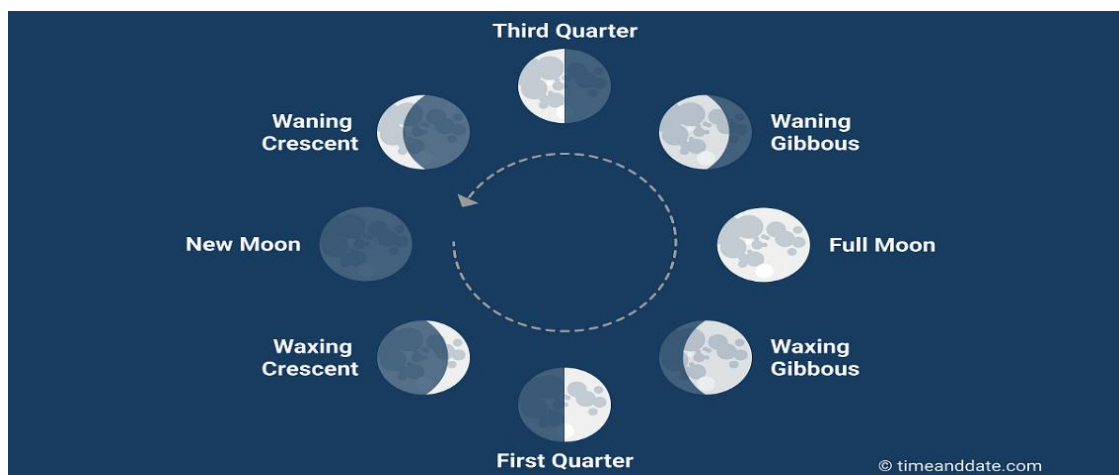
Earth is your home. The Sun is your Star. Earth is always moving. As it orbits the Sun, it also spins around like a top. Earth has one satellite called the Moon. When you spin around on your feet, you probably get dizzy. But you cannot feel Earth spin.



4.0 MOON



The Moon is rocky and cold. The Moon looks bright, but it is actually a dark place. It looks bright only when the Sun's light reflects, or bounces off its surface. The shape of the moon you can see changes. These changes are called the phases of the moon.



5.0 MERCURY



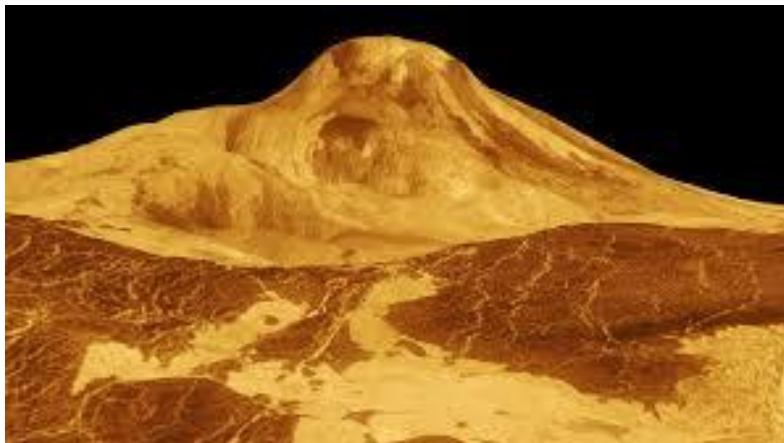
Mercury is the planet closest to the Sun. It is the smallest planet of the eight big planets. One year on Mercury is only 88 days. On Mercury, it gets very hot at night. It gets very cold. Scientists from [NASA] sent a spaceship called MESSENGER to Mercury. Mercury doesn't have any natural satellites.



6.0 VENUS



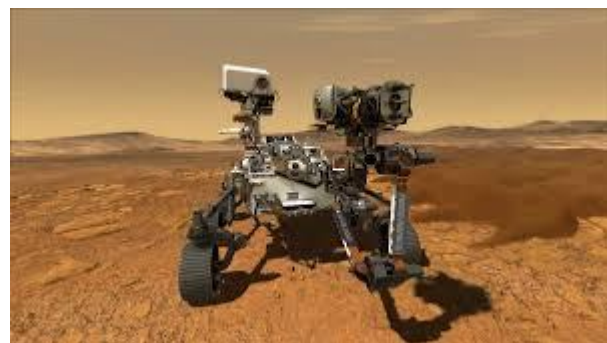
Venus is the hottest planet in our solar system. It has an atmosphere of thick clouds. The clouds hold in heat like a blanket, making Venus very hot. The Sun's light reflects off Venus' clouds. That makes Venus look very bright. Venus has no natural satellites.



7.0 MARS



Mars is more like Earth than any other planet in our solar system. Scientists think there may have been rivers that flowed on Mars. Long ago, they were curious about where the river water is now. Mars has two very small natural satellites. They are shaped like potatoes. The moons are called Phobos and Deimos. Mars is called the Red Planet.



8.0 JUPITER



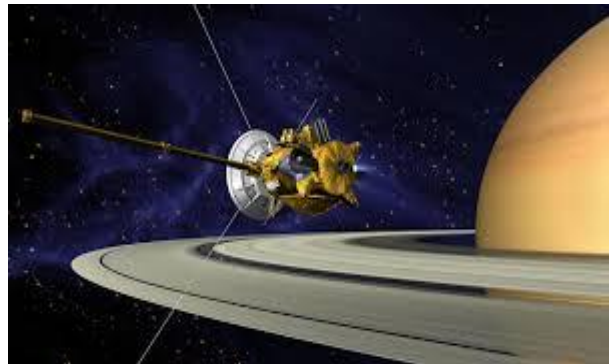
On Jupiter, there is a giant hurricane called the Great Red Spot. The storm is larger than Earth. It has been going on for at least 300 years. Jupiter is the biggest planet in the solar system. Jupiter has 67 natural satellites.



9.0 SATURN



Saturn is the sixth planet from the Sun. It is a gas giant like Jupiter, and it is the second-largest planet in the solar system. More than 700 Earths could fit inside Saturn. It has a beautiful ring.



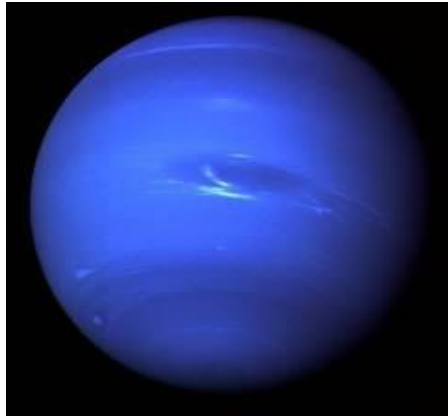
10.0 URANUS



Now, we are visiting Uranus. Uranus is the seventh planet in the solar system. Uranus is a very large, cold planet that is made mostly of gas. It is blue in colour. It has a beautiful ring. Uranus has 28 natural satellites.



11.0 NEPTUNE



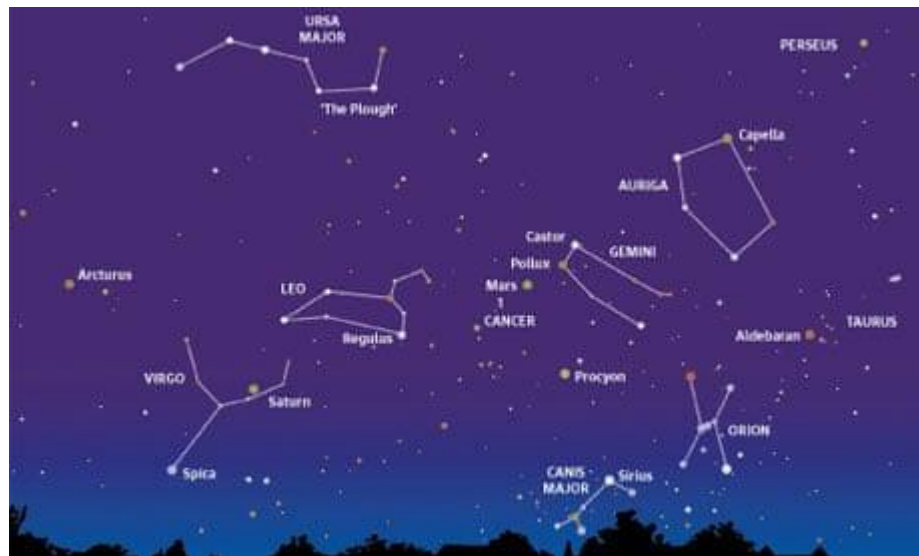
Neptune is the eighth planet and the last planet in the solar system. Neptune is a very windy planet. Neptune has 14 natural satellites, including the moon **TRITON**.



12.0 STAR CONSTELLATIONS

- Observe the sky on a starry night. You will see some groups of stars that form regular patterns. These patterns are called the star constellations.
- Try to find the following constellations on a clear starry night.

○



13.0 The first human journey to the moon.



The first human journey to the surface of the moon began at Kennedy Space

Center, Florida, with the liftoff of Apollo 11 on 16 July 1969.



Neil Armstrong, Michael Collins, and Edwin Aldrin were the first humans to go to the moon.



14.0 GALAXIES

A galaxy is a group of stars, gas, and dust held together by gravity. Galaxies are of different shapes. Our galaxy is the Milky Way.



15.0 ACTIVITIES

1. Answer the questions.

- a. What is the smallest planet in the solar system?
- b. What is the name of our galaxy?
- c. How many planets are in our solar system?
- d. Give examples of inner planets and outer planets.
- e. How many natural satellites does Jupiter have?
- f. Which planet is the hottest?
- g. What is the meaning of star constellations?
- h. What is another name for Mars?

*Answer the above
questions*



2 . Fill in the blanks.

1. Earth has [] natural satellite. Its name is Luna.
2. Earth travels around the []
3. NASA sent a spaceship called [] to Mercury.
4. Mars and Venus don't have any []
5. Mars has [] natural satellites called [] and [].

[have, Phobos, Messenger, sun, Deimos, Natural satellites]

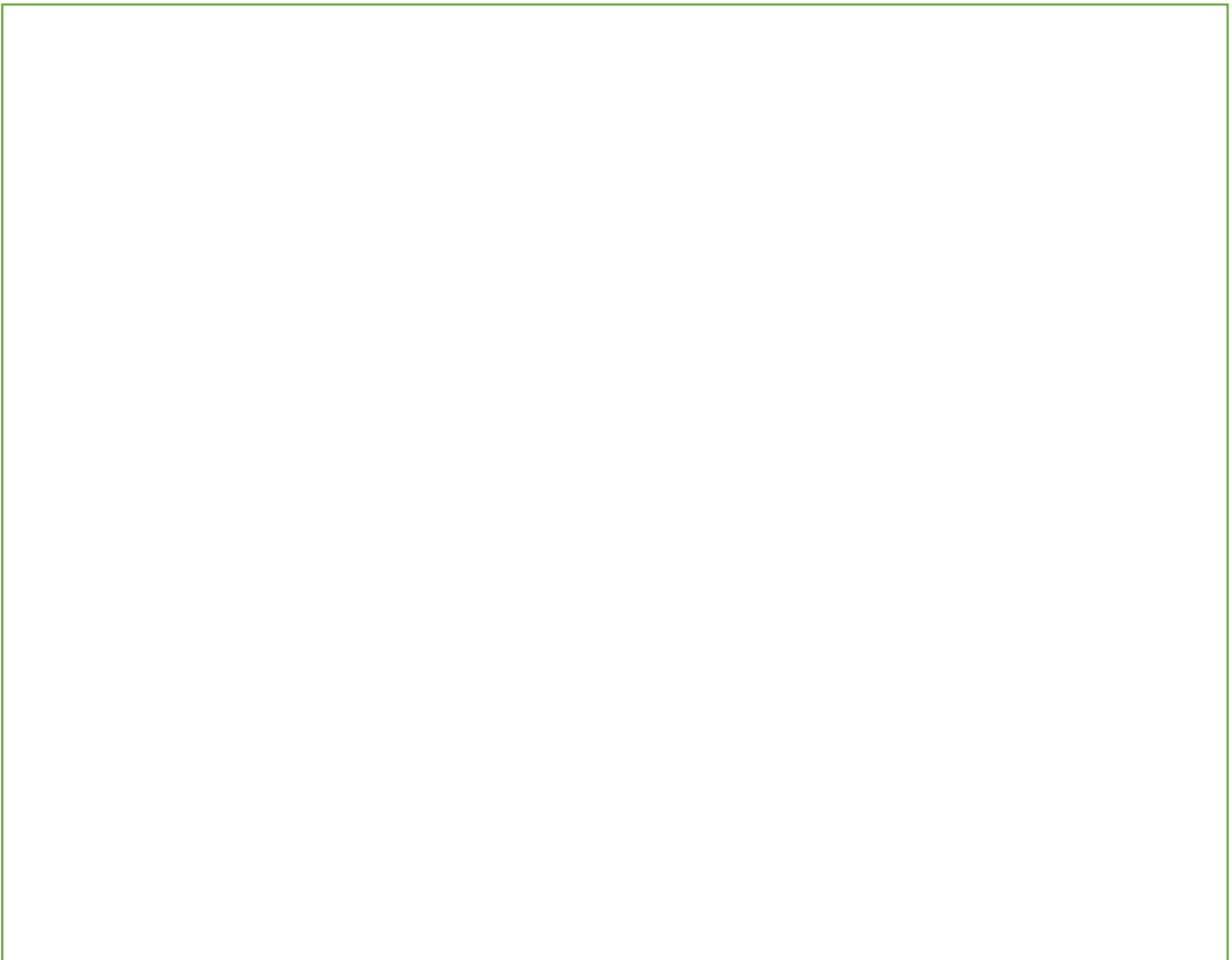
*Fill the above
blanks*



3.

Some scientists told mars has aliens. Imagine you meet an alien! What do you think it will look like?

Draw a picture of an alien and then. Write a short description of your alien and its planet.

A large, empty rectangular box with a thin green border, intended for a student to draw a picture of an alien and write a short description of the alien and its planet.



Afterword

With the approval of the Ministry of Education, this research-based project has empowered thousands of student authors for over ten years. Educationists recognize it as a program that significantly enhances the quality of school education.

In alignment with modern educational reforms, encouraging students to author a research work is a milestone in this journey. In this digital age of "Smart" technology, the modern school must demonstrate through research that books and technology should be used together. This is because the unique joy a child receives from a book cannot be replaced by anything else.

To prevent children from drifting away from books—which remain our primary educational tool and storehouse of human knowledge—Mahamaya Girls' College has spearheaded the "Hemamala Upahara" project for many years. Its primary objectives are to foster academic discipline, promote values, and pay tribute to Princess Hemamala, who fulfilled a historic mission to empower women.

We express our gratitude to the Principal, teachers, and parents, alumni of Mahamaya Girls' College, representatives of other schools, the Diyawadana Nilame, and the staff of the Sri Dalada Maligawa (Temple of the Sacred Tooth Relic) for their support.

Seneviratne Mahalekam

(Project Creator)

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