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WINTER STARRY SKY

There are many bright stars in the winter night sky so it's very fun to check out! The most visible constellation is Orion who resembles a hunter. At the waist of Orion, there are three bright stars surrounded by four stars, two of which are Betelguses and Rigel. You can draw the Great Winter Triangle by connecting Betelguese in Orion, Sirius in the Canis Major, and Procyon in Canis Minor. You can find Jupiter around Pisces and Mars around Taurus!

SPRING STARRY SKY

In the spring night sky, make sure to look for the Big Dipper, a row of seven stars in the shape of a big spoon high in the Northern sky. In fact, the Big Dipper is actually Ursa Major's tail area! The two outermost stars in the bowl of the Big Dipper point to the North Star and on the other side, extend the handle in an arc to find Arcturus and Spica. If you connect the Arcturus, Spica, and Denebola (Leo) you can get the Great Spring Triangles. You can find Mars around Gemini from March to May and Venus in May!

1

WINTER SHOWS

2

CALLING JUPITER

*ENGLISH AUDIO GUIDE AVAILABLE

NEW QUEST TO THE GAS GIANT

Recently, due to deep space exploration, more information has come to light about Jupiter, the Gas Giant. Let's explore the history of Jupiter starting from Galileo Galilee and his moon-based discoveries.



ORIGINAL PROGRAM 2022.12.1-2023.2.28

SPRING SHOWS

FROM EARTH TO THE UNIVERSE

ORIGINAL PROGRAM 2023.3.1-5.31

*ENGLISH AUDIO GUIDE AVAILABLE

From Earth, the beautiful planet with remarkable landmarks that we live on, all the way to the side of the Universe. Join us on a space tour where we jump into the sky and travel to the moon and to Mars. Join us as we shoot out of the solar system and into the galaxy as we understand the universe spreading before us.

2



LET'S EXPLORE TODAY'S NIGHT SKY!

ALL YEAR SHOW

Take a seat back and relax as the planetarium staff guides you through the stars and the universe all from today's night sky! The clear air and many bright stars make it an appealing sensation for children and families. Some of the features you will be shown include winter and spring constellations.

AURORA NIGHT

It is said that once you see the beauty of the aurora, your outlook on life changes. This program explores the various colors and shapes of the aurora lights, as well as introducing many stars and constellations. Sit back and immerse yourself in the beauty of the aurora and stars. Enjoy a soothing experience, with relaxing background music.



SPECIAL PROGRAM 2023.3.1-31

CHECK OUT THESE WINTER NIGHT SKIES AT:
 DECEMBER 11:00 PM
 JANUARY 09:00 PM
 FEBRUARY 07:00 PM



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ENGLISH AUDIO GUIDE

The English **Audio Guide** is a free service offered by the EXPO Center that allows for any **English-speaking visitors** to watch a planetarium show with an **English-translated audio** (through earphone sets).

To receive an earphone set, approach the **planetarium reception desk**.

SHOW SCHEDULE

	Weekdays	Weekends and National Holidays
10:10 10:20 from April 2023	Pre-Reserved Groups	Children Program
11:30	Starry Sky Live Explanation	
13:30	Original Program	Original Program (Children Program during April and May)
14:40	Special Program	Children Program (Starry Sky Live Explanation during April and May)
15:50	-	Special Program

*Golden Week has a different schedule

**From 3/25 ~ 4/5, the planetarium will operate under the weekend/national holiday schedule.

GENERAL INFORMATION

9:50 ~ 17:00

Entrance closes at 16:30

OPEN HOURS

Note: In January and February, the planetarium and the entrance closes an hour early.

Every Mondays

HOLIDAYS

In case there is a national holiday on Monday, the center is closed on the following day.

ADMISSION FEES

	Adult	Child
Admission Fee	500 Yen	250 Yen
Planetarium Ticket	1000 Yen	500 Yen
Extra Planetarium Tickets	500 Yen	250 Yen

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*For groups with more than 20 individuals, a discount is available (requires reservation)

Tel: 029 - 858 - 1100 Fax: 029 - 858 - 1107 (Azuma 2-9, Tsukuba)

[HTTPS://WWW.EXPOCENTER.OR.JP/](https://www.expo-center.or.jp/)

CHECK OUT THESE SPRING NIGHT SKIES AT:
 MARCH 12:00 AM
 APRIL 10:00 PM
 MAY 08:00 PM



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ENGLISH SKY MAP

英語版 星空ガイド

Do you want to see the spring and winter starry sky? Here's how!

1. Don't forget - the blue lines will lead you to the winter map and the pink to the spring!
Always fold inwards.
2. Fold the pamphlet on the lines given, following the order provided by the numbers!
3. To switch to the other star map, unfold the pamphlet and start again, but this time following a different colour!
4. It's that simple! Your star map is ready!

パンフレットを折って
星空を作りましょう！

ポイント：青い線は冬の夜空、ピンクの線は春の夜空を作ります！

1. パンフレットを数字 ("1" や "2" など) で書いてある順番に合わせて内側に折ってください。
2. もう一つの夜空を見たかったら、違う色の線を使って、同じことをしましょう！
3. これで完成！星空は出来上がり！

