

**NASA
SPACE
WEEK
NASA
STEMDAY**

ABOUT NASA SPACE WEEK

NASA Space Week is an annual celebration that highlights the achievements and contributions of NASA in space exploration, scientific research, and technology development. It typically takes place during the first week of October, with various events and activities organized by NASA and its partner organizations.

During NASA Space Week, people around the world are encouraged to learn more about NASA's missions, discoveries, and technological advancements through educational activities, online resources, and public events. NASA also uses this occasion to showcase some of its latest projects and initiatives, and to inspire the next generation of scientists, engineers, and explorers.

Some of the activities and events that typically take place during NASA Space Week include public lectures and seminars, virtual tours of NASA facilities, hands-on science activities and demonstrations, online contests and challenges, and social media campaigns. NASA also partners with schools, museums, science centers, and other organizations to promote space science education and outreach.

If you're interested in participating in NASA Space Week, you can check out the NASA website or social media channels to find out about upcoming events and activities. You can also follow the hashtag #NASASpaceWeek on social media to join the conversation and connect with others who share your interest in space science and exploration.

BENEFITS OF THE EVENT

1. Inspiring and educating the public: NASA Space Week provides an opportunity for people of all ages to learn more about space science and exploration, and to be inspired by NASA's missions and achievements. This can help increase public interest and engagement in STEM (science, technology, engineering, and math) fields, and to foster a greater appreciation for the importance of space exploration.

2. Encouraging innovation and discovery: NASA Space Week can also help stimulate innovation and discovery in the field of space science and technology. By showcasing some of the latest developments and initiatives from NASA and its partners, this event can inspire researchers and entrepreneurs to develop new ideas and solutions for exploring space and advancing scientific knowledge.

NASA SPACE WEEK - NASA STEM DAY

HAU GIANG
SCIENCE TECHNOLOGY DEVELOPMENT AND INNOVATION CENTER (SIC)
IN HAU GIANG PROVINCE
June 5th & 6th 2023

TP HỒ CHÍ MINH
TRUNG TÂM VĂN HÓA SINH VIÊN
ĐẠI HỌC QUỐC GIA TP HCM
June 7th 2023

BÌNH ĐỊNH
EXPLORASCIENCE QUY NHƠN
June 8th & 9th 2023

ACTIVITIES AT
**VIETNAM NASA
SPACE WEEK**



ORGANIZERS

PEOPLES COMMITTEE
OF HAU GIANG PROVINCE
PEOPLES COMMITTEE
OF BINH DINH PROVINCE
HO CHI MINH CITY
COMPUTER ASSOCIATION (HCA)

MAIN SPONSOR

STEAMZONE

CO-SPONSORS

SAIGON TIMES
FOUNDATION (STF)
INNOVATION
SERVICES CENTER (ISC)
VNFOCUS

COORDINATORS

DEPARTMENTS OF SCIENCE
AND TECHNOLOGY, DEPARTMENTS
OF EDUCATION AND TRAINING,
DEPARTMENTS OF INFORMATION &
COMMUNICATIONS,
DEPARTMENTS OF CULTURE,
SPORTS, AND TOURISM,
DEPARTMENTS OF HEALTH,
DEPARTMENTS OF FOREIGN
AFFAIRS, POLICE DEPARTMENT.

3. Promoting international cooperation: NASA Space Week is a global event that provides an opportunity for people from different countries and cultures to converge and collaborate on space-related activities and initiatives. This can help foster international cooperation and understanding, and build relationships that can lead to future collaborations in space exploration and beyond.

4. Supporting economic development: Space exploration and technology development can have significant economic benefits, including job creation, innovation, and the development of new technologies and products. By promoting public interest and engagement in space science and exploration, NASA Space Week can help support economic development and growth in related industries.

Overall, NASA Space Week is a valuable event that can help promote scientific discovery, inspire innovation, and foster international cooperation and understanding.

ABOUT VIETNAM SPACE WEEK MISSION

Vietnam Space Week aims to inspire the young generation through astronauts stories about working and living in space, share information about scientific studies on how to protect the Earth, avoid environmental pollution, warn of the risks of collision with other planets, and provide information about extraterrestrial life among others, thereby providing career-oriented education and career orientation for the young generations, and organizing STEM educational activities - STEM DAY - for teenagers. Vietnamese teenagers will be very happy when they can approach Astronauts to learn, experience, share, and discover science etc., which opens up career opportunities for young people in the field of space and space physics that are considered the 21st century key fields by the Vietnamese government.

Due to the fact that it is considered an important and meaningful event for the younger generation, we have made the best preparations for event organization, logistics and event communication in order to achieve the best results. In addition, we ensure the best logistics such as transportation, security, F&B, daily activities for astronauts and NASA crew members.

We will create the best conditions for all students, teachers, and scientists to participate in this special event in not only Hau Giang and Binh Dinh provinces but also in all provinces and cities nationwide.

VIETNAM SPACE WEEK in Vietnam is open free for all subjects in accordance with the spirit of NASA. All proceeds from the sale of souvenirs will be donated to the Education Development Support Fund of the province and Saigon Times Foundation.

On the sidelines of this event, we will promote a series of activities in STEM Education and 21st century skills for young people coming to the event to have practical experiences, gain new knowledge and enjoy the time to the fullest.

The significance of the event will have a positive impact on the young generation of Vietnam. Thus, we hope to maintain this event every year and expect NASA to continue choosing Vietnam as an annual destination; to raise VIETNAM SPACE WEEK - STEM DAY to the ASEAN regional level in the future.

And it is proposed that NASA support Vietnam to open a field of study of space and space physics, including providing programs, curricula, and training programs for teachers and lecturers to teach high school and university students.



OBJECTIVES

Best facilitate teenagers in various regions of the country to meet with astronauts and experience STEM educational activities (STEM DAY) at the VIETNAM SPACE WEEK;
The mission and message of VIETNAM SPACE WEEK are to inspire children and help shape their dreams in the future;
Attract the participation of talented young Vietnamese in the field of space;
Make sure VIETNAM SPACE WEEK is non-profit.

REGULATIONS

All individuals must comply with the Regulations and Instructions of the Organizing Committee while participating in VIETNAM SPACE WEEK and STEM DAY.
Make sure the events activities are NON-PROFIT;
No ticket sales for the event;
Guarantee equality for and facilitate all teachers and students to participate in the event either in person or online;
Partners of the event must commit to the NON-PROFIT policy, and join the Organizers and Saigon Times Foundation in pursuing this policy;
Deliver the VIETNAM SPACE WEEKs Mission through media;
Comply with the use of logos, images and articles related to NASA;
Contribute to Saigon Times Foundation as an education development support fund;
Other regulations by NASA (Astronaut Appearances)

SCALE AND PARTICIPANTS

Facilitating access for all pupils, students, teachers, scientists, and managers:
Hau Giang Province: students and teachers from 11 provinces and Can Tho City of the Mekong Delta to participate in the VIETNAM SPACE WEEK event.
Vietnam National University HCMC: students from high schools and universities in Ho Chi Minh City.
Qui Nhon Exploration Center: students and teachers from Ho Chi Minh City, Hanoi City, Southeastern provinces, Central Region provinces, Northern provinces to participate in the VIETNAM SPACE WEEK event.

Notes: Students invited to the event are those listed in the national/provincial science and technology teams, and those with excellent academic performance in Science and Maths.

NASA TALK SHOW

Warm-up dance performance: Astronaut robot dance team and pop music to stir up the crowd and the streaming endpoints;
MC introduces Vietnam Space Week and Delegates, and emphasizes that students and pupils are the most important participants of the event;
The talk show is transmitted live to all endpoints in Ho Chi Minh City and provinces/cities in the country. There are 2 main contents during the Talk Show; music plays at the end of each main content. During the Show, STEM Ambassadors organize games and ask questions related to the Talk

Shows contents. Mascots interact with the audience and present gifts to those giving the correct answers;
 Conduct talks and communicate with pupils, students, teachers, scientists and managers;
 Get autographs of and take pictures with the Astronauts;

ORGANIZATION OF STEM DAY

In parallel with VIETNAM SPACE WEEK is the STEM DAYS educational activities for students and pupils in the spirit of Learn - Fun - Create
 Participate in STEM educational activities related to astrophysics, zero gravity, robotics, virtual and augmented reality, metaverse, etc.;
 Have fun, obtain knowledge and develop physically through experiential activities at the Magic Floor;
 Watch movies in the Dome Cinema;
 STEM competition, 4 students each team, 3 categories, 120 minutes; Select the top 3 teams (primary, secondary, high school) to have Dinner with the Astronaut.

ORGANIZATION OF STEM COMPETITION

Individuals register to participate and are divided by age groups (6-11, 12-15, 16-18). Four students per team; make a list of teams; there are 3 competition categories for each age group.
 Categories for 6-11 years old: 3 activities (materials, tools, table & chair)
 Categories for 12-15 years old: 3 activities (materials, tools, table & chair)
 Categories for 16-18 years old: 3 activities (materials, tools, table & chair)
 List of registered individuals, team division, 4 students per team, arrange teams in their positions;
 Scoring criteria: STEM products must be effective, practical, aesthetic, and within the time limit set by the organizing committee.
 The competition begins at 14h00 and ends at 16h00. The results will be announced at 16:30 and the top 3 teams (Primary, Secondary, High School) are rewarded with a Dinner with the Astronaut.

ORGANIZATION OF THE DINNER WITH THE ASTRONAUT

Special Dinner with the Astronaut for the 3 winning teams
 Design stage background
 3 most excellent teams (Primary, Secondary, High School along with the list)
 Choose light dishes, regional specialties. Use 3D printers and CNC lasers to create galaxies, planets, astronauts, etc. on vegetables, fruits, etc.
 Students exchange with the Astronauts; help the Astronauts learn about local cultures. Organize fun games, karaoke, team building (with MC, NASA Ambassadors join in)
 Astronauts give autographs;
 Present gifts to the students and take photos
 Dinner with the Astronaut starts at 18h and ends at 20h. The students are then to explore the night sky - Starry Night



ACTIVITIES ON THE SIDELINES OF THE VIETNAM SPACE WEEK

Astronauts visit local schools
 The astronauts will give gifts to students who are in difficult circumstances (given at the event).
 Total: 50 gifts.
 Meeting to discuss proposals for cooperation between the provincial government and NASA.

SELLING SOUVENIRS TO RAISE FUNDS FOR EDUCATION DEVELOPMENT

The souvenir list includes various types of memorabilia with NASA and Sponsor images.
 Souvenir shop with furniture (tables, chairs, shelves, cabinets...), automatic checkout counter.
 All proceeds will be contributed to the education development fund of the province and Saigon Times Foundation.

ORGANIZATION OF ASTRONOMICAL ACTIVITIES

Explore the night sky - Starry Night

Music play to start up Starry Night;

List of experiential activities for guiding students conducted by the Astronomical Society (3 activities: discovering constellations, methods to navigate through the sky, viewing through the telescope)

Tools and instruments for exploring the night sky - Starry night

Telescope (optional)

Mobile speaker (5 pieces, high power)

Create groups: 50-60 students each

Guide and organize activities for exploring the Night Sky with the Astronauts (with support of MC, NASA Ambassadors, Mascots)

Q&A session for students

NOTICE: . Starry Night starts at 19:30 and ends at 21:00.



AGENDA

VENUES:

HAU GIANG AND BINH DINH

DAY 1, JUNE 5TH 2023 IN HAU GIANG, JUNE 8TH IN BINH DINH

Audience is high-school students

7:45 MC tells everyone to take a seat

8:00 Astronaut Robot dance performance and fireworks;

8:05 MC introduces NASA, Vietnam Space Weeks missions and goals, VIP guests and delegates, the Astronauts, STEM Ambassadors, Astronomical Society, and emphasizes that students are the most important part of the event.

8:10 Provincial leader gives opening speech

8:15 MC thanks the sponsors, partners, and media outlets

8:20 Astronaut talk show - Part 1 (MC, Mascots and STEM Ambassadors stir up the audience and interact constantly according to the script).

9:00 Music

9:10 Astronaut talk show - Part 2 (MC, Mascots and STEM Ambassadors stir up the audience and interact constantly according to the script).

9:45 Music

9:55 Astronauts present gifts to disadvantaged pupils and students

10:00 Break. STEM DAYS experiential activities take place outside the Hall (Dome Cinema, Magic Floor, Gyroscope)

10:15 Panel discussion + Q&A (Moderator, Astronauts, Scientists, Astronomy Specialists, STEM Specialists, Managers)

10:45 NASA tour

11:15 Astronauts give autographs

11:30 Photo time with the Astronauts

12:00 Lunch

13:30 STEM DAYS experiential activities take place outside the Hall.

13:45 STEM Competition

16:00 Announce the top 3 teams with the prize being a Dinner with the Astronaut

17:30 Dinner with the Astronaut

19:30 Explore the night sky - Starry Night

21:00 Event ends



DAY 2, JUNE 6TH 2023 IN HAU GIANG AND JUNE 9TH IN BINH DINH

Audience is the students from universities, colleges and vocational schools

7:45 MC tells everyone to take a seat

8:00 Astronaut Robot dance performance and fireworks;

8:05 MC introduces NASA, Vietnam Space Weeks missions and goals, VIP guests and delegates, the Astronauts, STEM Ambassadors, and emphasizes that students are the most important part of the event.

8:10 Provincial leader gives opening speech.

8:15 MC thanks the sponsors, partners, and media outlets.

8:20 Astronaut talk show - Part 1 (MC, Mascots and STEM Ambassadors stir up the audience and interact constantly according to the script). STEM DAYS experiential activities take place outside the Hall at the same time.

9:00 Music

9:10 Astronaut talk show - Part 2 (MC, Mascots and STEM Ambassadors stir up the audience and interact constantly according to the script). STEM DAYS experiential activities take place outside the Hall at the same time.

9:45 Music

9:55 Astronauts present gifts to disadvantaged pupils and students

10:00 Break. STEM DAYS experiential activities take place outside the Hall at the same time

10:15 Panel discussion + Q&A (Moderator, Astronauts, Scientists, Astronomy Specialists, STEM Specialists, Managers)

10:45 NASA tour

11:15 Astronauts give autographs

11:30 Photo time with the Astronauts

12:00 Lunch

THU DUC CITY

DAY 3, JUNE 7TH IN THU DUC CITY

Audience is the students from high schools and universities

7:30 Astronauts have breakfast and meet with leaders of Thu Duc City

8:00 Astronauts visit a junior high school and hand out gifts

8:15 MC tells everyone to take a seat

8:30 MC introduces NASA, mission and goal of VIETNAM SPACE WEEK; introduces VIP guests, astronauts, STEM Ambassadors, the Astronomical Society, and emphasizes students as the most important part of the event.

8:40 Thu Duc City leader gives opening speech;

8:45 MC thanks the sponsors, partners, and media outlets;

9:00 Astronaut Talk Show - Part 1 (MC, Mascots and STEM Ambassadors stir up the audience and interact constantly according to the script). STEM DAYS experiential activities take place outside the Hall at the same time.

10:30 Astronauts hand out gifts to disadvantaged students, pupils;

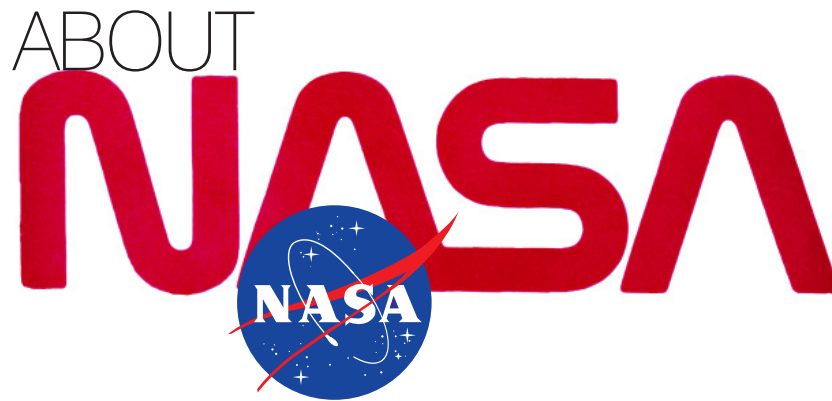
10:45 Break. STEM DAYS experiential activities take place outside the Hall at the same time (Dome Cinema, Magic Floor, Gyroscope...);

11:00 Exchange + Q&A (Moderator, Astronauts, Scientists, Astronomy Specialists, STEM Specialists, Managers, Teachers)

11:30 Astronauts give autographs and photo time with enthusiasts;

12:00 Organizers have lunch with Astronauts

13:00 End of event



NASA (Cơ quan Hàng không và Vũ trụ Quốc gia - (National Aeronautics and Space Administration) là một cơ quan của chính phủ Hoa Kỳ chịu trách nhiệm về chương trình vũ trụ dân sự của đất nước và nghiên cứu hàng không. NASA được Tổng thống Dwight D. Eisenhower thành lập vào năm 1958 để đáp lại việc Liên Xô phóng vệ tinh nhân tạo đầu tiên, Sputnik 1. Kể từ đó, NASA chịu trách nhiệm về một số tiên bộ quan trọng nhất trong khoa học vũ trụ và thám hiểm.

Nhiệm vụ của NASA là thúc đẩy những tiến bộ trong khoa học, công nghệ, hàng không và thám hiểm không gian để nâng cao kiến thức, giáo dục, đổi mới, sức sống kinh tế và quản lý Trái đất. Các mục tiêu của NASA bao gồm nâng cao kiến thức khoa học về Trái đất; hệ mặt trời và vũ trụ; phát triển, vận hành các phương tiện và hệ thống không gian để khám phá không gian của con người; đồng thời tiến hành nghiên cứu hàng không để cải thiện hiệu quả và an toàn hàng không.

NASA đã chịu trách nhiệm về nhiều thành tựu mang tính bước ngoặt, bao gồm việc đưa các phi hành gia lên mặt trăng như một phần của chương trình Apollo; phóng Kính viễn vọng Không gian Hubble; và gửi nhiều sứ mệnh cho rô-bốt để khám phá các hành tinh khác và mặt trăng của chúng. Trọng tâm hiện tại của NASA bao gồm đưa con người trở lại mặt trăng vào năm 2024 thông qua chương trình Artemis; phát triển các công nghệ mới để khám phá sao Hỏa và các điểm đến khác trong hệ mặt trời; đồng thời nâng cao hiểu biết khoa học về khí hậu và tài nguyên thiên nhiên của Trái đất.

NASA tuyển dụng hàng ngàn nhà khoa học, kỹ sư, kỹ thuật viên, nhân viên hành chính trên khắp Hoa Kỳ và trên toàn thế giới. Cơ quan này cũng hợp tác với ngành công nghiệp tư nhân, các cơ quan chính phủ khác và các tổ chức quốc tế để đạt được mục tiêu của mình.

NASA (National Aeronautics and Space Administration) is a United States government agency responsible for the country's civilian space program and for aeronautics research. NASA was established in 1958 by President Dwight D. Eisenhower in response to the Soviet Union's launch of the first artificial satellite, Sputnik 1. Since then, NASA has been responsible for some of the most important advancements in space science and exploration.

NASA's mission is to drive advances in science, technology, aeronautics, and space exploration to enhance knowledge, education, innovation, economic vitality, and Earth stewardship. NASA's goals include advancing scientific knowledge of the Earth, the solar system, and the universe, developing and operating space vehicles and systems for human space exploration, and conducting aeronautics research to improve aviation safety and efficiency.

NASA has been responsible for many landmark achievements, including sending astronauts to the moon as part of the Apollo program, launching the Hubble Space Telescope, and sending numerous robotic missions to explore other planets and their moons. NASA's current focus includes returning humans to the moon by 2024 through the Artemis program, developing new technologies to explore Mars and other destinations in the solar system, and advancing scientific understanding of the Earth's climate and natural resources.

NASA employs thousands of scientists, engineers, technicians, and administrative staff across the United States and around the world. The agency also partners with the private sector, other government agencies, and international organizations to achieve its goals.