

# JAXA SPACE EDUCATION CENTER



Ignite Curiosity, Inspire the Next Generation



# Design and navigate the future

Through aerospace explorations, JAXA contributes to develop human resources who will pioneer the future society by fostering multifaceted thought, and an approach to learning that is autonomous, independent and continuing.

The knowledge obtained through JAXA's Research & Development projects will be utilized as educational materials to support both school and extracurricular education, and to provide learning opportunities through domestic and international hands-on and online programs.

Promoting collaboration with educators, JAXA supports education from preschool to university with a focus on STEAM education and disseminates information for space education.



- Headquarters
- Space Transportation Technology Directorate
- Space Technology Directorate I
- Space Technology Directorate II
- Human Spaceflight Technology Directorate
- JAXA Space Exploration Center
- Space Exploration Innovation Hub Center
- Institute of Space and Astronautical Science (ISAS)
- Aviation Technology Directorate
- Research and Development Directorate

## Space Education Center

### School Education Support

- Working with teachers in schools to create classes that inspire interest in space
- Providing opportunities for teachers to design lecture outlines



### Extracurricular Education Support

- Supporting programs organized by local educators for young children
- Providing training opportunities to educators interested in space

### Providing Learning Opportunities

- In-person programs at JAXA sites with JAXA experts
- International events targeting university and post-graduate level students
- Online learning opportunities for all



**Teaching Material Development**

**Information Dissemination**

**International cooperation**

#### EDUCATION FOR ALL-

space education is important for EVERYONE. Our programs cover various topics in STEM, aiming to create a large community of learners. We are here to learn together! Please join us!

Director,  
Tomoko (Kate) KITAGAWA



# International Engagement

## The Asia-Pacific Regional Space Agency Forum (APRSAF)

The Asia-Pacific Regional Space Agency Forum (APRSAF) is the largest space conference in the Asia-Pacific region, with attendees from public, private, academic, and non-governmental sectors representing more than 40 countries/regions.

### “Space Education for All” Working Group

The APRSAF “Space Education for All” Working Group (SE4AWG) holds its annual APRSAF meeting, APRSAF Poster Contests (children from 6 to 12 years old), Space Education Seminars for Educators, and other side events. The Space Education Center organizes SE4AWG.

The SE4AWG annual meeting is an exchange of information on educational activities and discussion on how to provide space education and training opportunities for all. Its scope of activities ranges from primary, secondary, and higher education to adult education by both formal and informal settings. SE4AWG has been holding the poster contest since 2006 toward the goal of increasing children's interests and imaginations regarding their universe while showcasing the creative artwork of children of the Asia-Pacific region.



SE4AWG annual meeting takes place online and onsite.



Students' posters are displayed at the APRSAF annual meeting venue and on the APRSAF website.

## International Space Education Board (ISEB)

The International Space Education Board (ISEB) brings together eight space agencies and institutes with the aim of increasing STEM literacy and supporting the future workforce needs of space programs.

The ISEB Student Program at IAC is designed to supplement and enrich students' experiences through specialized events, presentations, and networking experiences.

Each year the ISEB members select and send university and post-graduate students to the annual ISEB Student Program at IAC.

JAXA chaired the recent ISEB meeting in 2023 in Baku, Azerbaijan.



Space education is global. We must promote international collaboration in teaching materials and educational activities.



Shingo MARUOKA

# Open doors to Learning for All

## JAXA Academy

The Space Education Center organizes a lecture series on STEM subjects. Selecting topics which carry crucial roles in resolving global issues, the JAXA Academy offers exciting opportunities for all those who are keen to learn about aerospace. One of the goals of SDGs [Sustainable Development Goals] is to provide educational opportunities for all (Goal 4). It is a very difficult task, but JAXA's Space Education Center connects people from diverse backgrounds through online teaching and learning. We will continue to expand our program in the coming years to all who share the desire to solve urgent global issues such as climate change.

We are creating the JAXA Academy program so that space education can spark the need for discovery and interest in many people.

Junko WAKI



Astronaut Koichi WAKATA and the children who participated in JAXA Academy Kids.



Find more information on JAXA Space Education Center's social media.



Website

<https://edu.jaxa.jp/en/>



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[@spaceedu\\_info](https://twitter.com/spaceedu_info)



YouTube

[https://www.youtube.com/channel/UC8qjpbAlemL\\_kx2t4XqVqgg/featured](https://www.youtube.com/channel/UC8qjpbAlemL_kx2t4XqVqgg/featured)



Podcast [Seven Wonders]

<https://edu.jaxa.jp/contents/english/7wonder/index.html>



Space Education Materials

<https://edu.jaxa.jp/en/materialDB/>

JAXA will deliver space education and ignite the hearts of children around the world.

Mami ABE



### Contact Information

Japan Aerospace Exploration Agency (JAXA) Space Education Center

3-1-1 Yoshinodai, Chuo-ku, Sagami-hara, Kanagawa 252-5210, JAPAN

E-mail: [edu\\_ml@ml.jaxa.jp](mailto:edu_ml@ml.jaxa.jp)