Asian Try Zero-G 2027 Application Guidelines
Looking for experiments to try out in space!!

October 9, 2026

1 Introduction

Asian Try Zero-G 2027 is an educational program in which experiments proposed by students are actually carried out aboard the Japanese Experiment Module "Kibo" on the International Space Station (ISS). It is implemented by the agencies in charge of the participating countries/regions of the Asia Beneficial Collaboration through Kibo Utilization initiative (Kibo-ABC). Each participating agency, acting as the point of contact (POC), publicly seeks experiment themes in its own country/region, and the flight missions are decided after a feasibility review of the proposals recommended by each country/region. **Experiments selected as flight missions will be carried out by an astronaut staying on the ISS inside the Japanese Experiment Module "Kibo"!**

In Japan, JAXA serves as the POC and will accept applications and recommend themes from Japan.

**For examples of past experiments and experiment videos, please refer to the Asian Try Zero-G website: https://youtu.be/WOH2EI3UZgM*

2 Application Information

2.1 Application Summary

(1) We are seeking proposals for experiments in which physical phenomena can be confirmed visually.
(2) Please describe what you want to confirm, the experiment method, and the hypothesis/scientific basis as mathematically or logically as possible.
(3) Please refer to 4.1 Available Items for the items that can be used in the experiment.

2.2 Target Applicants

Elementary school, junior high school, high school, university, and graduate school students enrolled in schools in the Kibo-ABC member countries/regions that are participating in Asian Try Zero-G. For details, please refer to 3.1 Eligibility.

2.3 Overall Schedule

December 2026 – early January 2027	Theme recommendation (by each country/region)
Early to mid-January 2027	Flight mission selection
Mid-January – early August 2027	Flight mission preparation (preparation of launch items, safety reviews, operational coordination)
around September 2027	Flight mission implementation (dates to be determined through on-orbit schedule coordination)
December 2027 – early 2028	Wrap-up session and award ceremony

** The schedule is subject to change without prior notice.*
The Schedule will depend on each country/region. Please check the current website.

How to Apply

2.4 Eligibility

All applications will be evaluated fairly and equally, regardless of whether they are submitted by an individual or a team, and regardless of the applicants' age.

(1) Students (elementary school, junior high school, high school, university, or graduate school) must be enrolled in schools in Kibo-ABC member countries/regions[*1] that are participating in Asian Try Zero-G[*2].

(2) You can apply as an individual or as part of a group.

(3) To apply in Japan (i.e., to submit a proposal to JAXA), you must be a Japanese citizen or a foreign national living in Japan.
Japanese citizens living overseas can also apply.

**1 Kibo-ABC member countries/regions (in alphabetical order)*
Australia, Bangladesh, Cambodia, Indonesia, Japan, Malaysia, Nepal, New Zealand, Republic of the Philippines, Republic of Korea, Singapore, Taiwan, Thailand, United Arab Emirates, Vietnam
**2 Please check the official website for the latest participating countries/regions.*

2.5 Submitting the Proposal

(1) Where to Submit
Prepare your ideas in a proposal document following the provided format and submit it to the space agency of your country/region.

(2) Items to Submit
- Proposal (English)
- Supporting materials (optional)

**Note: Submission information is available on the website of your country's or region's space agency or coordinating institution (see the URL below).*

2.6 Deadline

23:59 JST, Monday, November 30, 2026

2.7 After You Apply

(1) Recommendation by Each Country/Region
Submitted proposals will be recommended by the POC of each country/region and reviewed for feasibility, after which the flight missions will be selected. Selected themes will be announced on the JAXA website around January 2027, along with the content of each theme and the name of the proposer's school.

(2) Observing the On-Orbit Experiments
Proposers of the flight mission themes can watch astronauts carry out their own proposed space experiments, as well as the other selected space experiments, at the JAXA Tsukuba Space Center. On the same day, they can also join a tour of the Tsukuba Space Center led by JAXA staff.*

(3) Presentation at the Wrap-up Session
Proposers will present their experiment results and discussion at the wrap-up session scheduled for December 2027 to early 2028. Awards are planned for teams that present outstanding discussions.

**Travel expenses must be borne by the proposers. The details and timing of the activities are subject to change without prior notice.*

2.8 How to Write a Proposal

Please refer to the Attachment-4 sample (English) and fill in the following information in the Attachment-3 proposal form.

(1) Applicant information
(2) Title of the experiment theme
(3) Summary of the proposed experiment (approx. 200 words in English)
Please include the background, purpose, experiment process, predicted results, and discussion.
(4) Hypothesis and theory
- Hypothesis
- Schematic diagram
Please clearly indicate axis definitions, captions, etc. in figures and tables.
- Mathematical/theoretical supposition/scientific basis
Please describe the mathematical and physical theories, laws, formulas, etc. that support your hypothesis.
Please clearly cite the sources of existing theories, laws, and formulas. Please also clearly define the symbols, variables, etc. used in them.

Please make sure to provide easy-to-understand explanations, for example by using diagrams and supplementary videos.
(5) Items required for implementation
(6) Experiment procedure
Please also include the estimated time for each step.
(7) Optional: Photo of the applicant
If you wish, your photo will be sent up to the ISS and a commemorative photo will be taken together with the astronauts in Kibo. Please note that the photo will be made public.
Please also note that the photo may not be taken, depending on the astronauts' schedules and other operational circumstances.

**Proposals will be reviewed internationally, so submission of an English version is required. Please also submit a Japanese version of your proposal. If you are not confident in your English, please write your Japanese proposal in detail. Proposals without an English version will not be accepted.*

2.9 Key Points

(1) Please propose an experiment that has never been conducted before (a new experiment) or an experiment that has been conducted in the past but has been further developed or improved. Please refer to the "Past Experiment Reports" and "Attachment-1, Video List" for examples of previous experiments.
(2) Please make sure that your proposal is written in a way that is easy for anyone to understand. If the content is too complicated, there is a possibility that the theme selectors will not understand the purpose of the experiment.
(3) If necessary, it is also possible to supplement the experiment hypothesis, theory, and procedure with videos and diagrams. If you share a video as supplementary material, please change the file name to the name of the experiment.
(4) In theme selection, priority will be given to feasible themes. Feasible themes are those that (1) require little crew operation and (2) allow the experiment equipment to be prepared easily.

3 Notes on Experiment Proposals

The activity must be completed inside the Japanese Experiment Module "Kibo" of the International Space Station (ISS).

3.1 Available Items

(1) Stationery (pen, binder clip, Ziploc bag, etc.)
(2) Tools (screwdriver, wrench, tweezers, tape, rubber gloves, etc.)
(3) Simple tools that have been used in past experiments

Please refer to Attachment-2, Available Items. Several items can also be used in combination.

**Depending on the situation, the aforementioned items may not be available.*

3.2 Experiment Duration

The activity should be completed within 10 minutes.

The time required for operations aboard the International Space Station is about twice as long as the time required for the same operations on the ground. Please therefore design clear and concise procedures.

**You can also attach a video showing the experiment procedure and how it is carried out. (For submitting such a video as supporting material, please see 3.2 (2) Items to Submit.)*

3.3 Number of Crew Members

As a rule, experiments must be able to be carried out by one crew member.

3.4 Recording the Experiment

The whole process will be recorded with a high-resolution camera. The high-resolution video will be downlinked (downloaded) to the ground and provided to the proposers.

3.5 Safety Constraints

There are cases where experiments cannot be carried out on the ISS/Kibo due to safety concerns or restrictions on the activities of astronauts. Check the following points when proposing an idea and make sure that none of them apply.

(1) The following activities are considered to be unsafe onboard the ISS/Kibo:
- Use of dangerous materials/objects
- Handling of fragile objects (glass, etc.)
- Handling of objects with sharp edges
- Release of large amounts of water (1 liter or more) inside Kibo's cabin
- Release of gases that cannot be processed on the ISS
- Scattering of tiny objects such as bolts, nuts, pieces of paper, and powders
- Spinning an object with a large mass at high speed

(2) The following activities are considered to be impractical onboard the ISS/Kibo:
- Long hours of work (10 minutes or more)
- Any action that could infringe on the rights and privacy of crew members
- Stopping the air circulation in the cabin for a long time
- Blocking astronaut emergency escape routes (hatches, etc.)

4 Notes on Presenting Results and Publicity

4.1 Use of Results and Footage, and External Presentations

When using or presenting the activities and results of Asian Try Zero-G, please keep the following in mind.

(1) They may only be used for educational purposes at the educational institution to which the proposer belongs. If you would like to use them for other purposes, or to use footage featuring astronauts, please consult JAXA.

Example

- Use at school cultural festivals, etc. (no permission required)
- Use of footage featuring astronauts, inside or outside the school (permission required)
- Presentation at academic conferences outside the school (permission required)

(2) When using them for an external presentation, please submit the materials to JAXA in advance and obtain approval. It takes approximately 10 days for confirmation.

4.2 Media Coverage

Please inform JAXA if content related to Asian Try Zero-G 2027 is covered or featured in newspapers, on TV, in web media, or in other media.

4.3 Commercial Use

Proposals that are deemed to be linked to the financial interests of specific groups or organizations will not be accepted. Furthermore, the activities and results of Asian Try Zero-G cannot be used for commercial purposes such as advertising or publicity.

5 Contact

JAXA Kibo-ABC Secretariat
E-mail: z-ATZG2027@ml.jaxa.jp

- Please write “ATZG Inquiry” in the subject line of your email.

6 Terms and Conditions

Applicants shall be deemed to have agreed to all of the following. EU residents must also agree to the contents of the Appendix.

(1) Management of Application Content

a) All rights to modify, implement, and use the results of all submitted ideas for public and educational purposes belong to JAXA. They may also be used in space awareness and utilization activities by partner companies (companies that cooperate with JAXA in flight mission preparation, etc.).

b) Images and videos submitted with your application may be published on the websites of JAXA and partner companies.

c) If there are any provisions that are contrary to these application guidelines, the proposal may be dropped even after it has been announced as selected.

(2) Privacy Policy

a) The personal information collected will be used only for notifying applicants of the selection results, publicizing them, and other matters related to Asian Try Zero-G and Asian cooperation activities.

b) Footage and photographs of participants and other related parties taken in relation to Asian Try Zero-G may be published on the websites of JAXA and partner companies.

(3) Responsibilities of the Applicant and JAXA's Disclaimer

a) JAXA shall not be liable for any problems that may occur during participation in Asian Try Zero-G. The applicant shall be responsible for resolving any possible problems on their own.

b) The applicant must ensure that their proposal does not infringe on any legal rights, such as intellectual property rights. If any legal issues arise in relation to the submitted material, the applicant shall be fully responsible for resolving them.

Appendix: Consent Content Based on the EU GDPR

For the purposes of notification of event information and results of your recruitment, JAXA needs to collect your personal data requested in the present form.
You may at any time object to the use of your data for this purpose by writing to the following address: Z-ATZG@ml.jaxa.jp

You will find below all the detailed information concerning this processing of your personal data and a reminder of your rights, in application of the legislation in force.
JAXA, willing to respect the privacy and protection of personal data of its prospects and clients, complies with the legislation in force regarding the protection of personal data as data controller, and in particular Law no. 78-17 of 6 January 1978 （the "Data Protection Act"） and, from 25 May 2018, Regulation （EU） 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and the free movement of such data （the "GDPR"）.

JAXA does not transfer personal data to third countries or parties outside the European Economic Area.

You have, under the conditions defined by the Data Protection Act and the GDPR, unless otherwise provided:
(i) The right to withdraw at any time your consent to the processing implemented by JAXA based on such consent ;
(ii) The right to obtain from JAXA the confirmation that your personal data are or are not processed and, when they are, access to said personal data as well as to several information on the processing （processing purposes, categories of personal data concerned, recipients or categories of recipients to whom your personal data have been or will be communicated, the retention period of the personal data envisaged or, where this is not possible, the criteria used to determine this duration, etc.）
(iii) A right of access, rectification and/or erasure of your personal data;
(iv) The right to receive your personal data provided to JAXA, in a structured, commonly used and legible format, and the right to transfer this data to another data controller without JAXA having to obstruct it;
(v) A right of opposition, for legitimate reasons, to the processing of your personal data and the right of opposition to the use of such personal data;
(vi) The right to request from JAXA the portability of your personal data in the event you wish to obtain the transfer of your personal data to the benefit of another data controller.

You can set, change and revoke at any time guidelines for the retention, erasure and communication of your personal data after your death. You have the right to appoint a third party to whom your data may be communicated after your death. You agree to inform this third party of your approach.
You may exercise the rights described above by writing to JAXA at the following email address: Z-ATZG@ml.jaxa.jp